

NEW SERIES

NUMBER 1

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BOWDOIN COLLEGE BULLETIN

CATALOGUE NUMBER

1904



1905

BRUNSWICK, MAINE

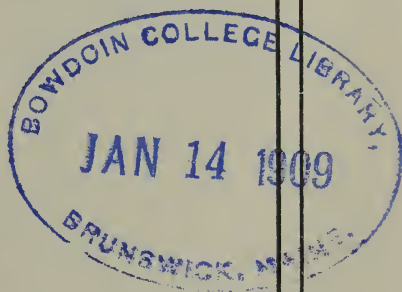
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IN DECEMBER, FEBRUARY, MAY, AND JULY

DECEMBER, 1904

CATALOGUE *of*
B O W D O I N
C O L L E G E

& the Medical School of Maine

FOR THE YEAR 1904-1905



B R U N S W I C K , M A I N E

Printed for the College • MDCCCCIV

BOWDOIN COLLEGE BULLETIN, NEW SERIES, No. 1.

These publications include the Annual Catalogue of the College and of the Medical School of Maine ; the Annual Report of the President, of the Treasurer, and of the Librarian ; the Obituary Record ; and the Bibliographical Contributions.

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Calendar

BOWDOIN COLLEGE

1904

- September 22 . . First Semester began — Thursday at 8.20 A. M.
November 24 . . Thanksgiving Day: a holiday — Thursday.

Vacation from December 23 to 8.20 A. M. January 3.

1905

- January 19 . . . Class of 1868 Prize Speaking — Thursday, 8 P. M.
Feb. 2 to 11 . . . Examinations of the First Semester — Thursday to Saturday of the following week.
February 13 . . . Second Semester begins — Monday.
February 22 . . . Washington's Birthday: a holiday — Wednesday.

Vacation from 11.30 A. M. April 1 to 8.20 A. M. April 10.

- May 30 . . . Memorial Day: a holiday — Tuesday.
June 2 . . . Ivy Day Exercises — Friday.
June 8, 9, and 10 . . Examinations at Preparatory Schools — Thursday, Friday, and Saturday.
June 8 to 17 . . . Examinations of the Second Semester, Thursday to Saturday of the following week.
June 18 . . . Baccalaureate Sermon — Sunday, 4 P. M.
June 19 . . . Sophomore Prize Declamation — Monday, 8 P. M.
June 20 . . . Class Day Exercises — Tuesday, 10 A. M., 3 P. M., and 8 P. M.
June 21 . . . Commencement Exercises of the Medical School — Wednesday, 9.30 A. M., Memorial Hall.
Annual Meeting of the Phi Beta Kappa Society, 11 A. M., Alumni Room, Hubbard Hall.
The President's Reception — 8 to 11 A. M., Hubbard Hall.
June 22 . . . Annual Meeting of the Alumni Association, — Thursday, 9 A. M.
The Commencement Exercises of the College, 10.30 A. M.
Commencement Dinner — 12.30 A. M.

Bowdoin College

June 22, 23, and 24 . Entrance Examinations in Brunswick — Thursday to Saturday.

Summer Vacation of Fourteen Weeks.

Sept. 25 to 27 . . Entrance Examinations in Brunswick — Monday to Wednesday.

September 28 . . First Semester begins — Thursday, 8.20 A. M.

MEDICAL SCHOOL OF MAINE

1904

October 20 . . . Entrance Examinations for the First Year Students; in Brunswick — Thursday, 9 A. M.

October 21 . . . Examinations for Admission to Advanced Standing. For Admission to the Second Year, Examinations are in Brunswick as follows: Anatomy at 9 A. M., Physiology at 2 P. M., Friday.

October 22 . . . Examinations for Admission to Advanced Standing. For Admission to the Fourth Year, Examinations are in Portland — hours to be announced later — Friday and Saturday.

November 24 . . Thanksgiving Day: a holiday — Thursday.

Vacation from Friday, December 23, to morning of Tuesday, January 3.

1905

February 22 . . . Washington's Birthday: a holiday — Wednesday.

Vacation from noon of Saturday, April 1, to morning of Tuesday, April 10.

May 30 Memorial Day: a holiday — Tuesday.

June 7 to 21 . . . Examinations — Wednesday to Wednesday of the second week following.

June 21 Commencement Exercises of the Medical School 9.30 A. M., Memorial Hall — Wednesday.

Summer Vacation of Seventeen Weeks.

October 19 . . . Examinations begin — Thursday.

BOWDOIN COLLEGE

BOWDOIN COLLEGE was incorporated by the General Court of Massachusetts, upon the joint petition of the Association of Ministers and the Court of Sessions of Cumberland County. The act of incorporation was signed by Governor Samuel Adams, June 24, 1794.

The college was named in honor of James Bowdoin, a grandson of the Huguenot refugee, Pierre Baudouin, who fled from the religious persecution that followed the revocation of the Edict of Nantes, and, in 1687, made a home for himself on the shores of Casco Bay, in what is now the city of Portland. In the next generation the family name was anglicized, and the grandson, James Bowdoin, was born in Boston, which had become the family home, and was graduated from Harvard College in 1745.

He was a staunch and influential supporter of the movement for American independence, a member for many years of the Council, or senate, of the colonial legislature, a delegate to the first Continental Congress in Philadelphia, president of the Provincial Council, and a close personal friend of Washington. He was also the president of the convention which framed the Constitution of Massachusetts, and was, subsequently, for two terms Governor of the State. In addition to his civil honors he received honorary academic degrees from Harvard, from the University of Pennsylvania, and from the University of Edinburgh; he was a member of various foreign societies, the first president of the American Academy of Arts and Sciences, and a valued friend and correspondent of Benjamin Franklin.

The earliest patron of the college was the Honorable James Bowdoin, son of the Governor. He was graduated from Harvard College in 1771, and subsequently studied at the University of Oxford. In President Jefferson's administration he was appointed successively Minister Plenipotentiary at the Court of Spain, and Associate Minis-

Bowdoin College

ter at the Court of France. During his residence abroad he accumulated a valuable library, a collection of paintings and drawings by old and modern masters, a cabinet of minerals and fossils, together with models of crystallography, all of which he bequeathed to the college. During his lifetime he gave land, money, and apparatus to the college, and at his death it became, by will, his residuary legatee.

Circumstances delayed the opening of the college for several years after its incorporation; but in 1802, a substantial brick building having been erected for its accommodation, the first president was inaugurated, and the work of instruction was begun. The college was established, and has been maintained, under the general patronage of the Congregational churches, but its instruction, government, and administration are, and have always been, unsectarian. The government of the college is vested in two concurrent Boards, the Trustees and the Overseers, and since 1870 one-half the vacancies occurring in the Board of Overseers have been filled from nominations by the body of the alumni.

The Medical School dates from 1820, when it was incorporated by the first legislature of the new State of Maine, and made a department of Bowdoin College.

At the Commencement of 1894 the one hundredth anniversary of the incorporation of the college was celebrated with appropriate exercises, and at that time the academical, medical, and honorary graduates numbered, together, four thousand three hundred and sixty-five; and another thousand was made up of those who had studied in the college without taking a degree, and of those who were undergraduates in that anniversary year.

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Bowdoin College

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SECRETARY

THOMAS HARRISON RILEY, Esq., A.B.,	<i>Brunswick.</i>
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MESSRS. PUTNAM, FRYE, MORRILL, AND NEALLEY.

VACANCIES IN THE COLLEGE

MESSRS. HUBBARD, BROWN, STEVENS, AND COBB.

ART INTERESTS

MESSRS. CHAMBERLAIN AND BAXTER.

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THE TREASURER, WITH PROFESSORS CHAPMAN AND ROBINSON
FROM THE FACULTY.

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- HENRY JOHNSON, PH.D., *Longfellow Professor of Modern Lan-
guages, and Curator of the Art Collections.* 256 Maine Street
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Language and Literature, and Collins Professor of Natural and
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* The residence is in Brunswick, except as otherwise stated.

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† GEORGE THOMAS LITTLE, Litt.D., *Librarian.*

8 College Street.

CHARLES DENNISON SMITH, A.M., M.D., *Professor of Physiology.* Maine General Hospital, Portland.

ADDISON SANFORD THAYER, A.B., M.D., *Professor of Diseases of Children.* 730 Congress Street, Portland.

WILLIAM ALBION MOODY, A.M., *Professor of Mathematics.* 60 Federal Street.

JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of Diseases of Women.* 211 State Street, Portland.

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HERBERT HENRY BROCK, A.B., M.D., *Assistant Clinical Professor of Surgery.* 662 Congress Street, Portland.

† In Europe on leave of absence.

Bowdoin College

- CHARLES BRYANT WITHERLEE, A.B., M.D., *Lecturer in Neurology.* 77 Park Street, Portland.
- JOSEPH, CLEAVELAND PEARSON, A.M., *Instructor in Physics and Mathematics.* 88 Pleasant Street.
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- GILBERT MOLLESON ELLIOTT, A.M., M.D., *Assistant Demonstrator of Anatomy.* 152 Maine Street.
- WALTER EATON TOBIE, M.D., *Instructor in Surgery and Assistant Demonstrator of Anatomy.* 126 Free Street, Portland.
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- NORMAN JOHN GEHRING, A.B., M.D., *Assistant Demonstrator of Histology.* 684 Congress Street, Portland.
- ROBERT LORD HULL, A.B., M.D., *Clinical Assistant in Internal Medicine.* 639 Congress Street, Portland.
- MARSHALL PERLEY CRAM, A.B., *Assistant in Chemistry.* 83 Federal Street.
- ALPHONSO CLYDE MERRYMAN, A.B., *Assistant in Biology.* 23 Appleton Hall.

Other Officers

Other Officers

IRA PEIRCE BOOKER, Esq., *Treasurer.* 23 School Street.

The office of the Treasurer is in Massachusetts Hall.

OFFICE HOURS: 9 to 12, 2 to 4; Saturdays, 9 to 12.

SAMUEL BENSON FURBISH, B.S., *Treasurer's Assistant.*

10 Cumberland Street.

ISAIAH HACKER SIMPSON, *Superintendent of Buildings and
Grounds.* 8 McKeen Street.

FRANK HAYDEN WHITMORE, A.B., B.L.S., *Assistant Librarian.* 31 Federal Street.

GEORGE LOTHROP LEWIS, A.M., *Reference Librarian.*

7 McKeen Street.

EDITH JENNEY BOARDMAN, *Cataloguer.* 2 High Street.

BELLE THWING ATHERTON, *Assistant in the Registrar's
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CAROLINE TILLSON ROBINSON, *Assistant Curator of the
Art Collections.* 256 Maine Street.

MARGARET WILLARD METCALFE, *Assistant in the Library.* 16 Garden Street, Bath.

GERALD GARDNER WILDER, A.B., *Assistant in the Library.* 70 Federal Street.

WILLIAM THOMAS ROWE, A.B., *Assistant in the Gymnasium.* 23 Winthrop Hall.

STUDENTS

Undergraduates

SENIORS — Class of 1905

ABBREVIATIONS : A. H., Appleton Hall; M. H., Maine Hall; W. H., Winthrop Hall.

Name	Residence	Room
Brett, John Hall	<i>Auburn</i>	A. Δ. Φ. House.
Brimijoin, William Stephen	<i>Lisbon Falls</i>	26 A. H.
Burroughs, Ernest Henry Redding	<i>Sanford</i>	Z. Ψ. House.
Campbell, Morris O'Brien	<i>Cherryfield</i>	Δ. K. E. House.
Chase, Stanley Perkins	<i>Portland</i>	Δ. K. E. House.
Clarke, James Arthur	<i>Damariscotta Mills</i>	Z. Ψ. House.
Cleaves, Charles Poole	<i>Brunswick</i>	18 Potter St.
Cook, Charles Bayley	<i>Portland</i>	Ψ. T. House.
Cushing, Ralph Norwood	<i>Thomaston</i>	Ψ. T. House.
Cushing, Walter Samuel	<i>Bangor</i>	Δ. K. E. House.
Damren, Kenneth Howard	<i>Auburn</i>	B. Θ. Π. House.
Davis, Raymond	<i>Portland</i>	Ψ. T. House.
Day, Frank	<i>Trevett</i>	32 W. H.
Denning, Ansel Cyrus	<i>East Poland</i>	Δ. K. E. House.
Donnell, Charles Joseph	<i>Bath</i>	Ψ. T. House.
Eaton, Robert Knight	<i>Brunswick</i>	Δ. K. E. House.
Emery, James Newell	<i>Bar Harbor</i>	Θ. Δ. X. House.
Finn, James Gregory	<i>Lewiston</i>	13 W. H.
Finn, William Francis, Jr.	<i>Natick, Mass.</i>	30 W. H.
Foster, George Adams	<i>Bangor</i>	288 Main St.
Garcelon, Harold Webb	<i>Lewiston</i>	26 A. H.
Greene, John Adolph	<i>Coplin</i>	216 Maine St.
Greene, Philip Kilborn	<i>N. Bridgton</i>	10 M. H.
Haggett, Benjamin Simpson	<i>Bath</i>	29 W. H.
Hall, Robert Elwyn	<i>Dover</i>	Z. Ψ. House.
Hamilton, Everett Woodbury	<i>Cumberland Centre</i>	29 W. H.
Harvey, Edwin La Forest	<i>Bethel</i>	Θ. Δ. X. House.
Henderson, Walton Thomas	<i>Freeport</i>	8 M. H.
Hill, Herbert Staples	<i>Westbrook</i>	15 W. H.

Students

Name	Residence	Room
Leatherbarrow, George Edward	<i>Portland</i>	Portland.
Lermond, Henry Alfred	<i>Warren</i>	179 Maine St.
Lewis, Henry	<i>Gardiner</i>	Ψ. T. House.
McCobb, Arthur Lewis	<i>Boothbay Harbor</i>	16 M. H.
Mansfield, Harry Milton	<i>Jonesport</i>	15 M. H.
Marr, Harold Everett	<i>Farmington</i>	15 M. H.
Mikelsky, Frank	<i>Bath</i>	19 M. H.
Much, Rupert MacConnell	<i>Bath</i>	12 W. H.
Newton, John Edward	<i>West Woolwich</i>	West Woolwich.
Norcross, Winfield Irvin	<i>Lewiston</i>	6 Cleaveland St.
Norton, William John	<i>Westbrook</i>	B. Θ. II. House.
Nutter, Harold Russell	<i>Bangor</i>	Δ. K. E. House.
Pettengill, Ray Waldron	<i>Augusta</i>	Δ. K. E. House.
Philoon, Wallace Copeland	<i>Auburn</i>	A. Δ. Φ. House.
Pierce, Leonard Augustus	<i>Houlton</i>	Δ. K. E. House.
Pinkham, Stephen Hodgson	<i>Trevett</i>	32 W. H.
Riley, John Winchell	<i>Brunswick</i>	46 Pleasant St.
Robbins, Paul Gould	<i>Biddeford</i>	3 M. H.
Robinson, Ralph Sylvester	<i>Warren</i>	179 Maine Street.
Rundlett, Carl Waldron	<i>Portland</i>	B. Θ. II. House.
Sanborn, Walter Martin	<i>Augusta</i>	7 W. H.
Seavey, Frank Elias	<i>Lynn, Mass.</i>	32 M. H.
Shorey, Archibald Thompson	<i>Brunswick</i>	12 Stetson St.
Stewart, Ralph Carroll	<i>New Vineyard</i>	13 M. H.
Stone, George Henry	<i>Portland</i>	Θ. Δ. X. House.
Symonds, Stuart Oakley	<i>Portland</i>	Ψ. T. House.
Tucker, George Everett	<i>Hyde Park, Mass.</i>	10 W. H.
Warren, Raymond Thomas	<i>Castine</i>	Δ. K. E. House.
Webb, William Blaine	<i>Skowhegan</i>	Δ. K. E. House.
Weld, Louis Dwight Harvell	<i>Hyde Park, Mass.</i>	Θ. Δ. X. House.
White, Donald Cameron	<i>Lewiston</i>	A. Δ. Φ. House.
Williams, James Albert	<i>Topsham</i>	Topsham.
Williams, Stanley	<i>Portland</i>	Θ. Δ. X. House.
Woodruff, John Hamilton	<i>Brunswick</i>	262 Maine St.

JUNIORS—Class of 1906

Name	Residence	Room
Abbott, Edville Gerhard	<i>Portland</i>	Portland.
Andrews, Dura Bradford	<i>Portland</i>	Δ. K. E. House.
Andrews, Philip Roy	<i>Kennebunk</i>	26 M. H.

Bowdoin College

Name	Residence	Room
Bartlett, James Austin	<i>Richmond</i>	176 Maine St.
Bavis, Chester Swan	<i>Calais</i>	Δ. K. E. House.
Bodkin, Arthur Horace, Jr.	<i>Portland</i>	Θ. Δ. X. House.
Boody, Henry Philips	<i>Jackson</i>	179 Maine St.
Booth, Harold George	<i>Riverside</i>	261 Maine St.
Boothby, Alfred Russell	<i>Westbrook</i>	Θ. Δ. X. House.
Boothby, Clayton Deering	<i>Madison</i>	Madison.
Bradford, Charles Henry	<i>South Livermore</i>	14 M. H.
Chapman, Henry Philip	<i>Portland</i>	Θ. Δ. X. House.
Chapman, Philip Freeland	<i>Portland</i>	A. Δ. Φ. House.
Clark, Walter Bradon	<i>Houlton</i>	Ψ. T. House.
Copeland, Melvin Thomas	<i>Brewer</i>	B. Θ. II. House.
Cunningham, Charles Hunter	<i>Strong</i>	14 M. H.
Edwards, Harold Myrton	<i>Lewiston</i>	24 W. H.
Elder, Harold Starbird	<i>Woodfords</i>	Δ. K. E. House.
Favinger, Charles Laff	<i>Frederica, Del.</i>	Z. Ψ. House.
Fox, Lewis Hewitt	<i>Woodfords</i>	21 A. H.
Hale, Edward Russell	<i>Portland</i>	Ψ. T. House.
Hatch, George Ulmer	<i>Belfast</i>	Z. Ψ. House.
Hawkesworth, Charles Wesley	<i>Boston, Mass.</i>	7 Potter St.
Hodgson, Robert John, Jr.	<i>Lewiston</i>	A. Δ. Φ. House.
Holman, Currier Carleton	<i>Farmington</i>	6 M. H.
Houghton, Charles Andrew Johnson	<i>Brunswick</i>	264 Maine St.
Jenks, Charles Fitch	<i>Canton, Mass.</i>	30 A. H.
Johnson, Romilly	<i>Lynn, Mass.</i>	A. Δ. Φ. House.
Johnson, William Treby	<i>Augusta</i>	B. Θ. II. House.
Knowlton, Charles Colby	<i>Ellsworth</i>	Z. Ψ. House.
Laidley, Paul	<i>St. Louis, Mo.</i>	17 M. H.
McDougald, William James	<i>Rockland</i>	179 Maine St.
Morrill, George Harold	<i>Westbrook</i>	Westbrook.
Packard, Frederick Lucius	<i>Turner</i>	Δ. K. E. House.
Parcher, George	<i>Ellsworth</i>	B. Θ. II. House.
Parker, Leon Vasco	<i>Cumberland Mills</i>	B. Θ. II. House.
Perry, Elmer	<i>Portland</i>	A. Δ. Φ. House.
Peterson, Oscar	<i>Strong</i>	17 Cleaveland.
Piper, Fred Edgcomb Richards	<i>Portland</i>	9 W. H.
Powers, Walter Averill	<i>Houlton</i>	Δ. K. E. House.
Putnam, Arthur Otis	<i>Houlton</i>	Δ. K. E. House.
Roberts, Thaddeus Blaine	<i>Norway</i>	21 M. H.
Rogers, Clarence Arthur	<i>Brunswick</i>	13 Everett St.
Rowe, Frank Davis	<i>Ellsworth</i>	28 W. H.

Students

Name	Residence	Room
Shaw, Cyrus Clyde	<i>North Gorham</i>	26 M. H.
Shaw, Richard Edson	<i>Belfast</i>	25 M. H.
Simonds, Otis Franklin	<i>Portland</i>	16 M. H.
Skolfield, Clement	<i>North Harpswell</i>	25 A. H.
Smith, Fred Elhanan	<i>Norway</i>	Θ. Δ. X. House.
Soule, George Carroll	<i>South Freeport</i>	Θ. Δ. X. House.
Stetson, Harold Stanwood	<i>Brunswick</i>	24 W. H.
Stevens, Robie Reed	<i>Kennebunk</i>	21 M. H.
Stone, William Haines	<i>Biddeford</i>	6 M. H.
Tuell, Gilbert Woodsum	<i>Bethel</i>	Θ. Δ. X. House.
Walker, Thomas Butler	<i>Biddeford</i>	4 M. H.
Webber, Ralph Grant	<i>Augusta</i>	B. Θ. II. House.
Williams, Raymond Blin	<i>Farmington</i>	Δ. K. E. House.
Wing, Eugene Eveleth	<i>Fairfield</i>	Z. Ψ. House.
Winslow, Harvey Philip	<i>Gardiner</i>	Δ. K. E. House.
Woodruff, Robert Thomson	<i>Brunswick</i>	262 Maine St.
Youland, William Edward, Jr.	<i>Biddeford</i>	3 M. H.

SOPHOMORES — Class of 1907

Name	Residence	Room
Allen, Neal Woodside	<i>Portland</i>	8 W. H.
Bass, Frank Lyman	<i>Bangor</i>	Δ. K. E. House.
Bennett, Charles Reynolds	<i>Yarmouth</i>	179 Maine St.
Blanchard, Paul Drake	<i>Oldtown</i>	22 M. H.
Bower, George Allen	<i>Auburn</i>	A. Δ. Φ. House.
Brown, Harry Leland	<i>Westbrook</i>	31 A. H.
Brown, Percy Mansfield	<i>Wilton</i>	Wilton.
Burton, Felix Arnold	<i>W. Newton, Mass.</i>	Δ. K. E. House.
Buttrick, Paul Allen	<i>New York, N. Y.</i>	13 W. H.
Carney, Richard Irving	<i>Sheepscott</i>	1 W. H.
Chadbourne, Arthur Chase	<i>Hallowell</i>	B. Θ. II. House.
Chandler, Harold Beckles	<i>Boston, Mass.</i>	8 W. H.
Childs, Harry Leslie	<i>Lewiston</i>	A. Δ. Φ. House.
Clark, Ridgley Colfax	<i>Dexter</i>	21 A. H.
Collins, James Harold	<i>Brewer</i>	15 A. H.
Craigie, George William	<i>Cumberland Mills</i>	Θ. Δ. X. House.
Doherty, Cornelius Francis	<i>Rockland</i>	27 W. H.
Drummond, Joseph Blake	<i>Portland</i>	9 A. H.
Drummond, Wadleigh Bean	<i>Portland</i>	9 A. H.
Duddy, Edward Augustin	<i>Portland</i>	28 W. H.

Bowdoin College

Name	Residence	Room
Erskine, Linwood Mandeville	<i>Jefferson</i>	Z. Ψ. House.
Fernald, Clarence Joel	<i>Winn</i>	15 W. H.
Files, Harold Woodman	<i>Cornish</i>	32 M. H.
Gannett, Frank Stinson	<i>Fort Fairfield</i>	Z. Ψ. House.
Giles, Ralph Waldo	<i>East Brownfield</i>	B. Θ. II. House.
Goodhue, Harold Vinton	<i>Fort Fairfield</i>	8 A. H.
Hacker, Tom Edgar	<i>Fort Fairfield</i>	Δ. K. E. House.
Haines, William	<i>Waterville</i>	7 Everett St.
Haines, Willis Nathan	<i>Dexter</i>	8 A. H.
Haley, Seth Gurney, Jr.,	<i>Brooklyn, N. Y.</i>	20 M. H.
Halford, John Henry	<i>Sanford</i>	31 M. H.
Hall, Crowell Clairinton, Jr.	<i>Dover</i>	Z. Ψ. House.
Hatch, Arthur Loud	<i>Somerville, Mass.</i>	Z. Ψ. House.
Hichborn, Harold Sprague	<i>Augusta</i>	11 A. H.
Hopewell, Henry Chase	<i>Cambridge, Mass.</i>	6 W. H.
Joy, Harry Jarvis	<i>Ellsworth</i>	22 M. H.
Kimball, Phillips	<i>Bath</i>	11 W. H.
Kingsley, Chester Sumner	<i>Augusta</i>	12 M. H.
Lawrence, Glenn Allan	<i>North Lubec</i>	Z. Ψ. House.
Leydon, John William	<i>Bath</i>	16 W. H.
Libby, Bion Bradbury	<i>Portland</i>	12 A. H.
Linnell, William Shepard	<i>Saco</i>	B. Θ. II. House.
Lowell, Herbert Gershom	<i>Westbrook</i>	26 W. H.
MacMichael, Earle Haggett	<i>East Boston, Mass.</i>	11 M. H.
Mincher, Leon Dearborn	<i>Mattawamkeag</i>	B. Θ. II. House.
Neal, Morris Humphrey	<i>Collinsville, Conn.</i>	Δ. K. E. House.
Otis, Ensign	<i>Rockland</i>	31 W. H.
Pike, Asa Osgood	<i>Fryeburg</i>	31 M. H.
Pletts, Louis Oliver	<i>Brunswick</i>	16 Lincoln St.
Powers, Elisha Shaw	<i>Houlton</i>	18 M. H.
Redman, Fulton Jarvis	<i>Dorchester, Mass.</i>	28 M. H.
Roberts, Ammie Blaine	<i>Portland</i>	25 A. H.
Roberts, Willis Elmer	<i>Brunswick</i>	155 Maine St.
Robinson, Dwight Stillwell	<i>Brunswick</i>	214 Maine St.
Robinson, William Alexander	<i>St. John, N. B.</i>	30 W. H.
Russell, Blinn Whittemore	<i>Farmington</i>	9 M. H.
Ryan, Frank Keith	<i>Hampton, N. B.</i>	17 M. H.
Sargent, Daniel	<i>Jamaica Plain, Mass.</i>	24 M. H.
Sawyer, Ralph Eugene	<i>Wilton</i>	9 M. H.
Sewall, James Wingate, Jr.	<i>Oldtown</i>	Ψ. T. House.
Shorey, Philip Ricker	<i>Brunswick</i>	12 Stetson St.

Students

Name	Residence	Room
Small, Ralph Millard	<i>Augusta</i>	11 W. H.
Smith, Lewis Winfield	<i>Brunswick</i>	59 Harpswell St.
Snow, Charles Wilbert	<i>Spruce Head</i>	24 A. H.
Speake, William Eugene	<i>Washington, D. C.</i>	9 W. H.
Stetson, Clarence Elbert	<i>Canton</i>	13 M. H.
Thomas, Charles Francis, Jr.	<i>Caribou</i>	26 W. H.
Tobey, Harold Grant	<i>Clinton, Mass.</i>	Θ. Δ. X. House.
Upton, Francis Robbins, Jr.	<i>Orange, N. J.</i>	252 Maine St.
Voorhees, Aubrey James	<i>Bath</i>	31 A. H.
Weed, Frank Jones	<i>Bethel</i>	Θ. Δ. X. House.
Whipple, Malon Patterson	<i>Solon</i>	25 M. H.
Wilson, Harold Everett	<i>Newburyport, Mass.</i>	11 M. H.
Winchell, Thomas Riley	<i>Brunswick</i>	169 Maine St.

FRESHMEN — Class of 1908

Name	Residence	Room
Abbott, Charles Noyes	<i>St. John, N. B.</i>	22 W. H.
Archibald, James Nelson, Jr.	<i>Houlton</i>	13 A. H.
Bailey, Ralph Edwin Gilmore	<i>Skowhegan</i>	13 Everett St.
Baldwin, Lorenzo Wilson	<i>Manasquan, N. J.</i>	32 A. H.
Briggs, Benjamin Franklin	<i>Auburn</i>	24 M. H.
Briggs, Eugene Hale	<i>Auburn</i>	28 M. H.
Brigham, Herbert Storrs, Jr.	<i>Kennebunk</i>	27 M. H.
Campbell, Colin Joseph	<i>Cherryfield</i>	13 A. H.
Chandler, Hiram Benjamin Tuell	<i>W. Sumner</i>	30 M. H.
Clark, Chester Gordon	<i>Portland</i>	11 A. H.
Cox, Neal Willis	<i>Portland</i>	5 M. H.
Coyle, Earl Howard	<i>Portland</i>	21 W. H.
Crowley, William James	<i>Bangor</i>	25 W. H.
Davis, Joseph Albert	<i>Westbrook</i>	32 A. H.
Donnell, Murray Cushing	<i>Houlton</i>	20 M. H.
Fairclough, William Whitney	<i>Richmond</i>	11 Pleasant St.
Foss, George Herbert	<i>Fort Fairfield</i>	6 A. H.
Garcelon, Louis	<i>Lewiston</i>	26 A. H.
Gray, Jay Lyman	<i>Lubec</i>	29 M. H.
Gregson, Bowdoin Neally	<i>Rochester, N. H.</i>	14 W. H.
Hanson, Ole	<i>Bath</i>	B. Θ. II. House.
Hayes, Harry Herman	<i>Bridgton</i>	12 M. H.
Hupper, Roscoe Henderson	<i>Martinsville</i>	29 M. H.
Huse, Arthur Hosmer	<i>Camden</i>	B. Θ. II. House.

Bowdoin College

Name	Residence	Room
Hyde, George Palmer	<i>Brunswick</i>	85 Federal St.
Johnson, Henry Lincoln	<i>Brunswick</i>	34 Federal St.
Kilborn, Karl Bray	<i>Portland</i>	5 M. H.
Kincaid, John Everritt	<i>Lewiston</i>	8 M. H.
Kinney, Roy Luther	<i>Fort Fairfield</i>	22 A. H.
Leavitt, Sturgis Elleno	<i>Gorham</i>	3 W. H.
Lee, Richard Almy	<i>Brunswick</i>	3 Bath St.
Leighton, Chester Adam	<i>Portland</i>	25 W. H.
Merrill, Albion Weston	<i>Brewer</i>	14 A. H.
Merrill, Maurice Palmer	<i>Skowhegan</i>	30 M. H.
Morrison, John Franklin	<i>Medford, Mass.</i>	3 W. H.
Morse, Benjamin Wyman	<i>Bath</i>	12 W. H.
Osborne, Clarence William	<i>Fort Fairfield</i>	16 A. H.
Packard, George	<i>Brighton, Mass.</i>	29 A. H.
Packard, Kent	<i>Jamaica Plain, Mass.</i>	27 M. H.
Parker, David Taylor	<i>Bath</i>	2 M. H.
Pennell, Frederick Levi	<i>Portland</i>	252 Maine St.
Piper, Frank Sherman	<i>N. Parsonsfield</i>	1 M. H.
Powers, Paul Hussey	<i>Houlton</i>	Z. Ψ. House.
Pullen, George William, Jr.	<i>Brewer</i>	10 A. H.
Purington, Harry Woodbury	<i>Bethel</i>	29 A. H.
Putnam, Aaron Albert	<i>Houlton</i>	14 A. H.
Ricker, Shipley Wilson, Jr.	<i>South Berwick</i>	17 Cleaveland St.
Robinson, Arthur Lincoln	<i>Brunswick</i>	214 Maine St.
Robinson, Carl Merrill	<i>Portland</i>	10 A. H.
Robinson, Clarence Perrin	<i>Portland</i>	27 W. H.
Sanborn, Edward Talbot	<i>East Machias</i>	14 W. H.
Simpson, Thomas Charles, Jr.	<i>Newburyport, Mass.</i>	22 A. H.
Stanwood, Harold William	<i>Rumford Falls</i>	A. Δ. Φ. House.
Stetson, Rufus Edwin	<i>Damariscotta</i>	7 Federal St.
Thomas, Frank Howard	<i>Brewer</i>	A. Δ. Φ. House.
Timberlake, Philip Hunter	<i>Lancaster, N. H.</i>	70 Federal St.
Toole, Christopher, Jr.	<i>Bangor</i>	26 A. H.
Weiler, Harold Charles	<i>Houlton</i>	16 A. H.
Weston, Nathan Simmons	<i>Augusta</i>	B. Θ. II. House.
Yeaton, Chester	<i>Richmond</i>	11 Pleasant St.

Students

SPECIAL STUDENTS

Name	Residence	Room
Chandler, James Mitchell	<i>Jamaica Plain, Mass.</i>	31 A. H.
Cony, Robert Alexander	<i>Augusta</i>	15 A. H.
Crowley, William Robert	<i>Bangor</i>	13 W. H.
Curtis, Ralph Augustus	<i>Freeport</i>	23 A. H.
Delavina, Fred Valentine	<i>Portland</i>	21 W. H.
Ellis, Harvey Anderson	<i>Whitinsville, Mass.</i>	16 W. H.
Files, Charles Edward	<i>Cornish</i>	Z. Ψ. House.
Greene, Charles Harlow	<i>North Bridgton</i>	10 M. H.
Gumbel, Lester	<i>New Orleans, La.</i>	5 W. H.
Ham, Arthur Harold	<i>Livermore Falls</i>	18 M. H.
Humphreys, Ernest Davis	<i>Henderson</i>	84 Federal St.
Jude, William Floyd	<i>Ellsworth</i>	31 W. H.
Kinsman, Charles Penny	<i>Augusta</i>	12 A. H.
Lamb, James Blaine	<i>Lewiston</i>	22 W. H.
Libby, Lawrence Leonard	<i>Dexter</i>	B. Θ. Π. House.
McGraw, Bernard James	<i>Exeter, N. H.</i>	5 W. H.
Mitchell, Carl Golder	<i>Freeport</i>	Z. Ψ. House
Mitchell, Harry Edward	<i>Brunswick</i>	254 Maine St.
Mudgett, John Eugene	<i>Bangor</i>	13 Pleasant St.
Richardson, Ralph Maurice	<i>East Baldwin</i>	70 Federal St.
Stone, Harold Edgar	<i>Lisbon Falls</i>	4 A. H.
Wight, Francis Pearl	<i>Rockland</i>	Z. Ψ. House.

Medical Students

FOURTH YEAR

Name	Residence	Room
Almy, Robert Lawton, Jr. . . .	<i>Salem, Mass.</i> *	776 Congress St.
Barker, Nat Bailey Twycross, A. B.	<i>Cedar Grove</i>	299 Brackett St.
Beane, Charles Eugene Hill, A. B.	<i>Hallowell</i>	775 Congress St.
Bragg, Jesse Somner, A. B. . . .	<i>St. Albans</i>	299 Brackett St.
Clarke, Frank Wilson	<i>Damariscotta</i>	776 Congress St.
Day, DeForest Smith	<i>Jefferson</i>	30 Whitney St.
Files, Ernest Woodbury, A. B. . .	<i>Gorham</i>	807 Congress St.
Folsom, Ernest Bertrand, A. B. .	<i>Stroudwater</i>	99 Westbrook St.

* The residence of Third and Fourth Year students is in Portland unless otherwise stated.

Bowdoin College

Name	Residence	Room
Gould, Arthur Lewis	<i>Ellsworth</i>	776 Congress St.
Harden, Don Leslie	<i>Phillips</i>	775 Congress St.
Hayden, Benjamin Franklin, A. B.	<i>South Portland</i> 631	Highland Avenue.
Hunt, Charles Henry, A.B.	<i>Portland</i>	321 Brackett St.
Hunt, Harry Joseph, A.B.	<i>Bangor</i>	96 Federal St.
O'Connor, John Christopher, B.S.	<i>Bradford, Mass.</i>	776 Congress St.
Pooler, James Edward	<i>Waterville</i>	775 Congress St.
Pritham, Fred John	<i>Freeport</i>	776 Congress St.
Russell, Daniel Frank Davis	<i>Leeds</i>	776 Congress St.
Sherman, Warren Hunter	<i>Damariscotta</i>	30 Whitney St.
Smith, Fred Milton	<i>Portland</i>	807 Congress St.

THIRD YEAR

Name	Residence	Room
Barrows, Harris Clark, A.B.	<i>Augusta</i>	* 26 Arsenal St.
Davis, Arthur Osman	<i>Bridgton</i>	302 Bramhall St.
Davis, John Lewis	<i>Portland</i>	328 Fore St.
Derry, Louis Andrew, A.B.	<i>Portland</i>	221 Federal St.
Ferren, Frank Leslie	<i>W. Levant</i>	46 Ellsworth St.
Fisher, Stanwood Elmer	<i>Portland</i>	26 Brackett St.
Ford, Leonard Harris, B.S.	<i>E. Eddington</i>	46 Ellsworth St.
Gilbert, Percy Emerton, A.B.	<i>Waterville</i>	174 Neal St.
Ilsley, Harris Page	<i>Limington</i>	19 Deering Avenue
Larrabee, Scott Goddard	<i>Scarboro</i>	302 Brackett St.
Marks, Homer Elbridge	<i>Portland</i>	302 Brackett St.
Ridlon, Joseph Randall, A.B.	<i>Gorham</i>	302 Brackett St.
Roberts, Walter Joseph	<i>Kennebunk</i>	26 Arsenal St.
Ross, Atherton Monette	<i>Phillips</i>	26 Arsenal St.
Sampson, Harry William	<i>Monson</i>	120 Pleasant St.
Schriver, Alfred Herman	<i>Middle Southampton, N. B.</i>	Portland.
Shaw, Adam Jr.	<i>Lowell, Mass.</i>	19 Deering Avenue.
Welch, Francis Joseph, A.B.	<i>Portland</i>	220 Danforth St.
Woodbury, Malcolm Sumner, A.B.	<i>Portland</i>	156 Stevens Avenue.

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Students

SECOND YEAR

Name	Residence	Room
Dolloff, David Ernest	<i>Monroe Brooks P. O.</i>	6 Cleaveland St.
Everett, Harold Josselyn, A.B.	<i>Portland</i>	31 College St.
Foster, Ralph Waldo	<i>Milbridge</i>	185 Maine St.
Giddings, Harold Girard, A.B.	<i>Gardiner</i>	7 A. H.
Hall, Herbert Wilder	<i>Brooks</i>	12 Everett St.
Hanson, Millard Parker	<i>Bath</i>	30 Cumberland St.
Keller, Benjamin Henry	<i>Appleton</i>	6 Cleaveland St.
Lewis, William Jerris	<i>S. Framingham, Mass.</i>	12 Everett St.
Moore, Roland Banks	<i>Portland</i>	172 Maine St.
Newcomb, Charles Howard	<i>Newburgh Village</i>	6 Cleaveland St.
North, Charles David	<i>Turner</i>	6 Cleaveland St.
Pettingill, Olin Sewall	<i>Wayne</i>	185 Maine St.
Quinn, Hugh Francis, A.B.	<i>Bangor</i>	7 W. H.
Ridlon, Magnus Gervise	<i>Porter</i>	13 Everett St.
Ross, Archabald Charles	<i>Portland</i>	Brunswick.
Rowe, William Thomas, A.B.	<i>Portland</i>	23 W. H.
Sawyer, Alfred Loomis, A.B.	<i>Fort Fairfield</i>	172 Maine St.
Saunders, Henry Clayton, A.B.	<i>Portland</i>	23 W. H.
Sturgis, Karl Brooks	<i>Auburn</i>	179 Park Row.
Webber, Merton Ardeen	<i>Fairfield</i>	30 Cumberland St.
Webber, Millard Carroll	<i>Fairfield</i>	30 Cumberland St.
Whitmore, William Cotmore	<i>Portland</i>	2 Elm St.
Wyndham, Charles Arnold	<i>Lisbon Falls</i>	6 Cleaveland St.

FIRST YEAR

Name	Residence	Room
Abbott, Henry Wilson	<i>Waterville</i>	7 Potter St.
Anderson, Hany Edward	<i>S. Limington</i>	179 Park Row.
Atwood, Harold Fisher	<i>Norwood, Mass.</i>	13 Everett St.
Bibber, Harold Thornton	<i>Bath</i>	335 Front St.
Bodwell, Ernest	<i>Brunswick</i>	24 Bowker St.
Buker, Edson Bayard	<i>Waldoboro</i>	84 Federal St.
Cox, James Francis	<i>Houlton</i>	7 A. H.
Crane, James Wilder	<i>Whiting</i>	13 Everett St.
Foster, George Adams	<i>Bangor</i>	10 W. H.
Garcelon, Harold Webb	<i>Lewiston</i>	26 A. H.
Geer, George Independence	<i>Westbrook</i>	12 Everett St.
Greene, John Adolph	<i>Coplin</i>	216 Maine St.

Bowdoin College

Name	Residence	Room
Hasty, Willis LeRoy	<i>Thorndike</i>	8 Harpswell Place.
Marshall, Linn Bayard	<i>Portland</i>	12 Pleasant St.
McKay, Roland Lee	<i>Bowdoinham</i>	Bowdoinham.
Mullin, Seth Smith	<i>Vinalhaven</i>	1 W. H.
Percy, Samuel Watson	<i>Bath</i>	13 Everett St.
Precour, George Charles	<i>Saco</i>	12 Pleasant St.
Potter, John Garfield	<i>Providence</i>	13 Everett St.
Staples, Ivan	<i>Limerick</i>	179 Park Row.
Stewart, Ralph Carroll	<i>New Vineyard</i>	13 M. H.
Stone, George Henry	<i>Portland</i>	Θ. Δ. X. House.
Thayer, Harold Hamilton, A.B.	<i>S. Paris</i>	179 Park Row.
Twaddle, Widd Browne	<i>Bethel</i>	13 Everett St.
Tucker, George Everett	<i>Hyde Park, Mass.</i>	10 W. H.
Whitney, Harlan Ronello	<i>Standish</i>	9 Cleaveland St.
Williams, Edmund Percy, A.B.	<i>Topsham</i>	9 Cleaveland St.
Wilson, Charles Moore	<i>Waterford</i>	216 Maine St.
Woodruff, John Hamilton	<i>Brunswick</i>	262 Maine St.

Instructors and Students

Summary of Instructors and Students

INSTRUCTORS

ACADEMICAL FACULTY	21
MEDICAL FACULTY	26
	<hr/>
TOTAL	47
NAMES COUNTED TWICE	4
	<hr/>
TOTAL	43

STUDENTS

ACADEMICAL DEPARTMENT

SENIORS	63
JUNIORS	61
SOPHOMORES	74
FRESHMEN	60
SPECIAL STUDENTS	22
	<hr/>
TOTAL	280

MEDICAL SCHOOL

FOURTH YEAR	19
THIRD YEAR	19
SECOND YEAR	23
FIRST YEAR	29
	<hr/>
TOTAL	90
	<hr/>
TOTAL	370
NAMES COUNTED TWICE	7
	<hr/>
TOTAL IN THE INSTITUTION	363

Bowdoin College

Appointments and Awards

HONORARY COMMENCEMENT APPOINTMENTS

Class of 1904

Summa cum Laude

Cram, Marshall Perley	Dana, Samuel Trask
Bridgham, John Merrill	Griffin, Howard Cousens
Bryant, Myrton Andrew	Hathaway, Eugene Pablo Durant
Burpee, George William	Smith, Ralph Stanley

Magna cum Laude

Beane, Emery Oliver	Lowell, Clifford Elmer
Clark, Philip Maclean	Lunt, William Edward
Emerson, Chester Burge	Shorey, Arthur Carlton
Harper, Chester Truman	Wilder, Gerald Gardner

Cum Laude

Brigham, Ernest Lord	Frost, John William
Campbell, Gilman Hutchins	Grant, Clyde Franklin
Coan, William Frederick	Rowe, William Thomas
Cunningham, Theodore Woodman	Sargent, Fitz Edward
Everett, Harold Josselyn	Small, Edward Durgin
Spear, Austin Edward	

CLASS OF 1868 PRIZE SPEAKING

Class of 1904

Brigham, John Merrill	Clark, Philip Maclean
Bryant, Myrton Andrew	Cram, Marshall Perley
Burpee, George William	Dana, Samuel Trask

Appointments and Awards

BRADBURY PRIZE DEBATE

Affirmative

Pierce, Leonard Augustus
Clark, Philip Maclean
Campbell, Gilman Hutchins

Negative

Harvey, Edwin La Forest
Lunt, William Edward
Porter, David Richard

Alternates

Boody, Henry Philips

Kimball, George Everett

SOPHOMORE PRIZE DECLAMATION

Class of 1906

Andrews, Philip Roy
Bartlett, James Austin
Bavis, Chester Swan
Boody, Henry Phillips
Chapman, Henry Philip
Chapman, Philip Freeland

Childs, Harry Leslie
Clark, Walter Bradon
Parcher, George
Perry, Elmer
Porter, David Richard
Stetson, Harold Stanwood

AWARDS IN 1904

GOODWIN PRIZE. Arthur Carlton Shorey

CLASS OF 1868 PRIZE. Myrton Andrew Bryant

PRAY ENGLISH PRIZE. Myrton Andrew Bryant

BROWN PRIZES FOR EXTEMPORANEOUS COMPOSITION. George William Burpee, first prize ; William Edward Lunt, second prize

SOPHOMORE DECLAMATION PRIZES. Harold Stanwood Stetson, first prize ; James Austin Bartlett, second prize

SEWALL LATIN PRIZE. Edward Carpenter Pope

SEWALL GREEK PRIZE. Edward Carpenter Pope

GOODWIN FRENCH PRIZE. John Sturgis Bradbury

NOYES POLITICAL ECONOMY PRIZE. Samuel Trask Dana

SMYTH MATHEMATICAL PRIZE. Stanley Perkins Chase, Cyrus Clyde Shaw

CLASS OF 1875 PRIZE IN AMERICAN HISTORY. John Edward Newton

Bowdoin College

SPECIAL PRIZE IN EUROPEAN HISTORY. Divided between John Wingate Sewall, Jr. and William Haines Stone

HAWTHORNE PRIZE. Charles Poole Cleaves

BRADBURY DEBATE PRIZES. Edwin La Forest Harvey, William Edward Lunt, David Richard Porter

BROWN MEMORIAL SCHOLARSHIPS. Samuel Trask Dana, Class of 1904; Stanley Perkins Chase, Class of 1905; Philip Freeland Chapman, Class of 1906; Edward Augustin Duddy, Class of 1907

RHODES SCHOLAR. David Richard Porter.

CHARLES CARROLL EVERETT SCHOLARSHIP. William Morris Houghton, A.B., Class of 1903.

Degrees Conferred in 1904

Degrees Conferred in 1904

BACHELOR OF ARTS

Archibald, Bernard	Lunt, William Edward
Beane, Emery Oliver	McRae, Merton Asa
Beverage, Henry Eugene	Martin, George Dudley
Bridgham, John Merrill	Mayo, Harold Elmon
Brigham, Ernest Lord	Merryman, Alphonso Clyde
Bryant, Myrton Andrew	Oakes, Herbert Henry
Burpee, George William	Packard, Cyrus Franklin
Byram, Frank Harold	Palmer, Harry Lane
Campbell, Gilman Hutchins	Powers, Wallace Merton
Chase, Millard Filmore	Purinton, George Colby, Jr.
Chase, Thomas Emerson	Putnam, Fred Lysander
Clark, Philip Maclean	Roberts, Wilbur Garfield
Coan, William Frederick	Robinson, Harold Wood
Cram, Marshall Perley	Rowe, William Thomas
Cunningham, Theo. Woodman	Sargent, Fitz Edward
Dana, Samuel Trask	Saunders, Harry Clayton
Emerson, Chester Burge	Sawyer, Alfred Loomis
Everett, Harold Josselyn	Sexton, Walter Howard
Frost, John William	Shorey, Arthur Carlton
Gould, Will Day	Small, Edward Durgin
Grant, Clyde Franklin	Smith, Ralph Stanley
Griffin, Howard Cousens	Spear, Austin Edward
Harper, Chester Truman	Schneider, John Frederick
Hathaway, Eugene Pablo Durant	Trott, Harold Charles
Herms, Emil	Whitney, George Burgess
Hill, Galen Wentworth	Wilder, Gerald Gardner
Kimball, George Everett	Wildes, Walter Keene
Lowell, Clifford Elmer	

Out of Course

Joseph Louville Bennett (as of the class of 1865)
Alfred Cheney Cobb (as of the class of 1884)
William Fernald Allen (as of the class of 1894)

Bowdoin College

MASTER OF ARTS

Gibeon Elden Bradbury (1902)

DOCTOR OF MEDICINE

Bernard, Joseph Napoleon Gideon	Macdonald, John Bernard
Call, Ernest Victor, A.B.	McMillan, Archibald
Clason, Silas Oliver, A.B.	Magune, Frank Leroy
Cragin, Charles Langmaid, A.B.	Milliken, Harris James, A.B.
Dyer, John Small	Parker, Ralph Almeron, A.B.
Fuller, Edwin Motley, Jr., A.B.	Pratt, George Loring, A.B.
Gehring, Edwin Wagner, B.S.	Small, Harry Lester
Goss, Ralph Warren, A.B.	Stewart, Delbert Mason, A.B.
Hutchins, William Parker	Studley, George Willis Cole
Jones, Albert Mark, A.B.	Syphers, LeRoi Scott
Keene, Linwood Melrose	Tibbetts, Herman Kotzschmar

Honorary Degrees

MASTER OF ARTS

Wallace Humphrey White

DOCTOR OF LETTERS

James Phinney Baxter	George Washington Cable
Bliss Perry	Mrs. George C. Riggs (Kate Douglas Wiggin)

DOCTOR OF DIVINITY

John Carroll Perkins	Daniel Freeman Smith (1857)
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BOWDOIN COLLEGE

FACULTY

- WILLIAM DEWITT HYDE, D.D., LL.D., PRESIDENT, and
Professor of Mental and Moral Philosophy.
- HENRY LELAND CHAPMAN, D.D., *Professor of English Literature.*
- LESLIE ALEXANDER LEE, PH.D., *Professor of Geology and Biology.*
- FRANKLIN CLEMENT ROBINSON, LL.D., *Professor of Chemistry and Mineralogy.*
- WILLIAM ADDISON HOUGHTON, A.M., *Professor of Latin.*
- HENRY JOHNSON, PH.D., *Professor of French.*
- FRANK EDWARD WOODRUFF, A.M., *Professor of Greek.*
- GEORGE THOMAS LITTLE, LITT.D., *Librarian.*
- WILLIAM ALBION MOODY, A.M., *Professor of Mathematics.*
- CHARLES CLIFFORD HUTCHINS, A.M., *Professor of Physics.*
- FRANK NATHANIEL WHITTIER, M.D., *Director of the Gymnasium, and Lecturer on Hygiene.*
- GEORGE TAYLOR FILES, PH.D., REGISTRAR, and *Professor of German.*
- WILMOT BROOKINGS MITCHELL, A.B., *Professor of Rhetoric and Oratory.*
- ROSWELL CHENEY MCCREA, PH.D., RECORDER, and *Professor of Economics and Sociology.*
- ROSCOE JAMES HAM, A.B., *Assistant Professor of Modern Languages.*
- JOSEPH CLEAVELAND PEARSON, A.M., *Instructor in Physics and Mathematics.*
- WILLIAM TRUFANT FOSTER, A.M., *Instructor in English and Argumentation.*
- GUY HALL ROBERTS, PH.D., *Instructor in History.*
- CHARLES THEODORE BURNETT, PH.D., ASSISTANT REGISTRAR, and *Instructor in Philosophy.*
- MARSHALL PERLEY CRAM, A.B., *Assistant in Chemistry.*
- ALPHONSO CLYDE MERRYMAN, A.B., *Assistant in Biology.*

Bowdoin College

Committees of the Faculty

CLASS OFFICERS. — *Senior*, Professor McCrea; *Junior*, Professor Ham; *Sophomore*, Mr. Pearson; *Freshman*, Professor Mitchell.

RECORDING. — Professor Lee, *Chairman*; Professors Files, McCrea, and Moody.

LIBRARY. — Dr. Little, *Chairman*; Professors Chapman, Johnson, Lee, and Dr. Roberts.

PUBLIC EXERCISES. — Professor Robinson, *Chairman*; Professor Lee and Dr. Little.

MUSIC. — Professor Woodruff, *Chairman*; Professors Hutchins and Chapman.

REGISTRATION. — Professor Mitchell, *Chairman*; Mr. Foster.

VISITORS TO PREPARATORY SCHOOLS. — Professor Files, *Chairman*; Professors Moody and Ham, and Mr. Foster.

ADVISORY COMMITTEE ON ATHLETICS. — Dr. Whittier, *Chairman*; Professor Moody.

ADMISSION TO THE COLLEGE

Subjects in which Examinations are held

Candidates for admission to the Freshman Class are examined in the following subjects :

ENGLISH

I. ENGLISH GRAMMAR AND COMPOSITION.

II. READING AND PRACTICE. The candidate will be required to present evidence of a general knowledge of the subject-matter of the books mentioned, and to answer simple questions on the lives of their authors. The examination will usually be the writing of a paragraph or two on each of several topics set in the paper given the candidate. The treatment of these topics is designed to test the candidate's power of clear and accurate expression, and will call for only a general knowledge of the substance of the books. In place of a part or

Admission

the whole of this test, the candidate may present an exercise book, properly certified by his instructor, containing compositions or other written work done in connection with the reading of the books. The books for this part of the examination will be:

For 1905 — Shakespeare's "Merchant of Venice" and "Julius Cæsar;" the Sir Roger de Coverley Papers in the "Spectator;" Goldsmith's "Vicar of Wakefield;" Coleridge's "Ancient Mariner;" Scott's "Ivanhoe;" Carlyle's "Essay on Burns;" Tennyson's "Princess;" Lowell's "Vision of Sir Launfal;" George Eliot's "Silas Marner." After 1905, in this list of books prescribed for "reading and practice" Irving's "Life of Goldsmith," Scott's "Lady of the Lake," Shakespeare's "Macbeth," and Tennyson's "Gareth and Lynette," "Lancelot and Elaine," and "The Passing of Arthur" will take the places of Goldsmith's "Vicar of Wakefield," Carlyle's "Essay on Burns," Shakespeare's "Julius Cæsar," and Tennyson's "Princess."

In preparation for this part of the requirement, it is important that the candidate shall have been instructed in the fundamental principles of rhetoric.

III. STUDY AND PRACTICE. This part of the examination presupposes a more careful study of each of the works named below. The examination will be upon subject-matter, form, and structure; and will also test the candidate's ability to express his knowledge with clearness and accuracy. The books for this part of the examination will be:

For 1905 — Shakespeare's "Macbeth;" Milton's "Lycidas," "Comus," "L'Allegro," and "Il Penseroso;" Burke's "Speech on Conciliation with America;" Macaulay's "Essays on Milton and Addison." After 1905, in this list of books prescribed for "study and practice" Macaulay's "Essay on Johnson" and Shakespeare's "Julius Cæsar" will take the places of Macaulay's "Essay on Milton" and Shakespeare's "Macbeth."

In addition, the candidate may be required to answer questions involving the essentials of English grammar, and questions on the leading facts in those periods of English literary history to which the prescribed works belong.

Bowdoin College

MATHEMATICS

I. ALGEBRA. The requirement in Algebra embraces the following topics: All elementary processes necessary for the solution of simultaneous equations of the first degree; the statement and solution of problems leading to these equations; treatment of inequalities; doctrine of square and cube root; theory of exponents; radicals and imaginaries; solution of quadratics and equations in quadratic form by the method of completing the square, by factoring, and by a formula; discussion of the properties of quadratics; quadratics containing two unknown quantities, and the solution of problems leading thereto; ratio and proportion; arithmetical and geometric progressions; binomial theorem for positive integral exponents.

II. PLANE GEOMETRY. The requirement in Plane Geometry includes the theorems and exercises of the ordinary school text-book; mensuration of plane figures; and numerical problems based on the text. The candidate should be able to write formal demonstrations of simple original theorems.

III. ADVANCED ALGEBRA. The following subjects or their equivalents: Indeterminate equations, undetermined coefficients, binomial theorem, theory of limits, logarithmic series, solution of equations by synthetic division with necessary theorems, and graphs of quantities, with rational, or with not more than two irrational or imaginary roots.

IV. SOLID GEOMETRY, as represented by the ordinary college text-books. Candidates must readily solve problems of solid mensuration and demonstrate original theorems which may be easily deduced from the text.

V. PLANE TRIGONOMETRY as represented by the usual text-books. Candidates must be familiar with the theory and use of six-place logarithmic tables.

LATIN

I. ELEMENTARY LATIN. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts:

(a) The translation at sight of simple Latin prose and verse.

(b) A thorough examination on Cicero's second, third, and fourth

Admission

speeches against Catiline, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Latin prose, involving the use of such words, constructions, and idioms only, as occur in the speeches prescribed.

II. ADVANCED LATIN. The examination will be adapted to the proficiency of those who have studied Latin in a systematic course of five exercises a week, extending through at least *four* school years. It will consist of two parts :

(a) The translation at sight of passages of Latin prose and verse, with questions on ordinary forms, constructions, and idioms, and on prosody.

(b) The translation into Latin prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Latin prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

GREEK

I. ELEMENTARY GREEK. The examination will be adapted to the proficiency of those who, in addition to the course defined as suitable preparation for the examination in Elementary Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *two* school years. It will consist of two parts :

(a) The translation at sight of passages of simple Attic prose.

(b) A thorough examination on Xenophon's "Anabasis," Book II, directed to testing the candidate's mastery of the ordinary forms, constructions, and idioms of the language; the test to consist, in part, of writing simple Attic prose, involving the use of such words, constructions, and idioms only, as occur in the portion of Xenophon prescribed.

II. ADVANCED GREEK. The examination will be adapted to the proficiency of those who, in addition to the course defined as a suitable preparation for the examination in Advanced Latin, have studied Greek in a systematic course of five exercises a week, extending through at least *three* school years. It will consist of two parts :

(a) The translation at sight of passages of Attic prose and of Homer, with questions on ordinary forms, constructions, and idioms, and on prosody.

Bowdoin College

(*b*) The translation into Attic prose of a passage of connected English narrative. The passage set for translation will be based on some portion of the Greek prose works usually read in preparation for college, and will be limited to the subject-matter of those works.

FRENCH

I. ELEMENTARY FRENCH. Elements of French Grammar, as represented in amount by Fraser and Squair's "French Grammar and Reader," to page 161, and 150 pages of modern French Prose.

II. ADVANCED FRENCH. (*a*) French Grammar as represented in amount by Fraser and Squair's "French Grammar and Reader," pages 162-382. (*b*) French Prose Composition as represented, for example, by François's Introductory French Composition. (*c*) Ability to read at sight ordinary French prose or poetry. Those desiring guidance in the selection of suitable texts will find helpful the list given in Section XI, Report of the Committee of Twelve of the Modern Language Association of America, United States Bureau of Education. (*d*) Ability to write simple French sentences from dictation.

GERMAN

I. ELEMENTARY GERMAN. (*a*) The translation at sight of simple German prose. (*b*) Questions intended to test the candidate's knowledge of elementary grammar. (*c*) The translation into German of simple English sentences, or of easy connected prose.

The examination in Elementary German presupposes a knowledge of the elements of German grammar as represented, for example, by Harris's "German Lessons," or Part I of Joynes-Meissner or Thomas's "German Grammar;" German Prose Composition as represented, for example, by Harris's "German Prose Composition," pages 10 to 50; and ability to read at sight ordinary German prose or simple poetry. Those desiring guidance in the selection of suitable texts will find helpful the list given in Section VIII, Report of the Committee of Twelve of the Modern Language Association, United States Bureau of Education.

II. ADVANCED GERMAN. (*a*) The translation at sight of ordinary German. (*b*) The translation into German of a connected pas-

Admission

sage of English prose. (c) Direct questions to test candidate's proficiency in grammar.

The passage set for translation into English will be suited to the proficiency of those who have read, in addition to the work required for Elementary German, not less than 200 pages of classical and contemporary prose and verse.

CHEMISTRY

General chemistry as represented by Remsen's "Introduction to Chemistry" or some other text-book of similar scope. Candidates must present note-books, certified by their instructors, in which are the results of their own experiments and full notes of processes; and not less than one-half of the time spent upon chemistry must have been given to laboratory work.

PHYSICS

Physics as represented by Gage's "Elements of Physics" or other text-book of equal grade. Candidates must be able to solve numerical examples under the various sections; must have performed forty experiments from Hall and Bergen's text-book, and have kept a note-book containing a written description in their own language of their experiments, with all their calculations. These note-books must be certified by their instructors and presented at the examination.

HISTORY (INCLUDING HISTORICAL GEOGRAPHY)

I. GREEK HISTORY. To the death of Alexander with due reference to Greek life, literature, and art.

II. ROMAN HISTORY. To 800 A.D. with due reference to government and institutions.

III. ENGLISH HISTORY. With special reference to social and political development.

IV. AMERICAN HISTORY. With special attention to the development of institutions and principles of civil government.

The examinations in these subjects will call for comparison of historical characters and periods, for summaries of institutional development, and in general for exercise of judgment as well as memory. A knowledge of historical geography, which will be tested by an outline

Bowdoin College

map, is essential. The amount of collateral reading which has been done by the student will be taken into consideration. In general, all schools are urged to take steps to make their courses conform as far as possible to the recommendations of the Committee of Seven.

Terms of Admission

The subjects which have been mentioned in the previous pages may be presented in satisfaction of the requirements for admission to the Freshman Class in Bowdoin College under the following conditions. The basis of the system is the work represented by a course pursued five hours per week for a period of thirty-eight weeks. Such a course counts two points.

I. A candidate for admission must offer subjects amounting in all to 26 points.

II. The following subjects aggregating 20 points are required :

English	4
Latin	8
Algebra	4
Plane Geometry	2
Roman History	1
Greek, English, or American History	1
	20

III. Subjects amounting to 6 points must be elected from the following list :

Greek, Elementary	4	Physics	2
Greek, Advanced	2	Advanced Algebra	1
French, Elementary	2	Solid Geometry	1
French, Advanced	2	Trigonometry	1
German, Elementary	4	Greek History	1
German, Advanced	2	American History	1
Chemistry	2	English History	1

IV. If Elementary Greek is not presented, the candidate for admission must offer either Elementary French or Elementary German.

Admission

Methods of Admission

ADMISSION BY EXAMINATION

The regular examinations for admission to college will be held in Massachusetts Hall, in Brunswick, on Thursday, Friday, and Saturday. June 22, 23, and 24, 1905, and on Monday, Tuesday, and Wednesday, September 25, 26, and 27, 1905. At the examinations in June, attendance is required at 1.30 P. M. on Thursday. At the examinations in September, attendance is required at 1.30 P. M. on Monday. The examinations are chiefly in writing. The Schedule for the examinations of either period will be sent on application.

EXAMINATIONS AT PREPARATORY SCHOOLS. Printed examination papers in certain of the subjects required for admission to college will be furnished to the principal of any high school or academy of good standing, having a regular college preparatory course of not less than three years in length, for the use of such of his students as propose to join the Freshman class at Bowdoin. In exceptional cases, the conduct of the examinations may, on the recommendation of the principal, be entrusted to some other person approved by the Faculty.

The following are the subjects in which papers will be sent : 1, English ; 2, Elementary Greek ; 3, Advanced Greek ; 4, Elementary Latin ; 5, Advanced Latin (two papers) ; 6, Algebra ; 7, Plane Geometry ; 8, Elementary French ; 9, Advanced French ; 10, Elementary German ; 11, Advanced German ; 12, Roman History ; 13, Greek History ; 14, English History ; 15, American History.

On each of the above subjects, except Advanced Latin, one paper is sent. In Advanced Latin there are two papers (Parts I and II), the second of which consists of Latin Composition.

No papers will be sent in either Advanced Mathematics, Chemistry, or Physics. The entrance examinations in these subjects can be taken only at Brunswick.

In holding entrance examinations elsewhere than in Brunswick, the following regulations are to be observed :

1. Papers are sent only in June. The dates for holding the examinations this year are June 8, 9, and 10. *Under no circumstances can papers be sent at any other dates.*

Bowdoin College

2. Applications for papers, addressed to the Registrar, must be received *not later than June 5*, and should state the name of the school, the subjects in which papers are desired, and the number of students to be examined in each subject.

3. Printed examination papers, together with the requisite number of blue-books, will be sent to the principal by express, prepaid, in time for the examination. On the completion of the examination, the books are to be returned at once by express, at the expense of the college.

4. The examinations are to be conducted by the principal in conformity with a schedule of hours fixed by the college. Copies of the schedule can ordinarily be obtained by May 15, on application to the Registrar.

Examinations are also held at Thornton Academy, Saco; at Washington Academy, East Machias; at Fryeburg Academy; and at Lincoln Academy, Newcastle, these schools having been made special fitting schools for the college by the action of their several Boards of Trustees, in concurrence with the Boards of Trustees and Overseers of the college.

The entrance examinations may, if the candidate prefers, be divided between two or more successive years, or between June and September of the same year. In that case a certificate will be given for such subjects as are passed at each examination.

A report of the results of the examinations, whether at Brunswick or elsewhere, is made to the principal, and also to the candidate, within two weeks after Commencement.

ADMISSION BY CERTIFICATE

In place of examinations, certificates will be received from preparatory schools in New England which have been approved by the New England College Entrance Certificate Board. This Board is an association of colleges established for the purpose of receiving, examining, and acting upon all applications of schools in New England which ask for the privilege of certification. The associated colleges are Amherst, Boston University, Bowdoin, Brown, Dartmouth, Mount Holyoke, Smith, Tufts, the University of Maine, and Wellesley. Certificates are in all cases passed upon by the individual college; but students are received on certificate from such schools only as have been approved by this Board. All schools desiring the

Admission

certificate privilege should apply *before April 1st of each year* to the Secretary of the Board, Professor Nathaniel F. Davis, 159 Brown Street, Providence, R. I. Blank certificates for admission to Bowdoin College may be had on application to the Registrar.

The certificates, issued as the result of examinations, which are held by the College Entrance Examination Board of the Middle States and Maryland, will be accepted in so far as they meet the requirements for admission to Bowdoin College.

ADVANCED STANDING

Candidates for admission to the Sophomore, Junior, and Senior classes, who do not present certificates from other colleges, are examined in the studies already pursued by the class which they wish to enter, equivalents being accepted for the books and authors studied by the class. No one is admitted to the Senior Class after the beginning of the second semester. Applications for admission to advanced standing should be addressed to the Chairman of the Recording Committee (see p. 38).

TESTIMONIALS AND CERTIFICATES

Testimonials of good moral character must in all cases be presented before tickets of admission are granted. A testimonial is preferred from the teacher under whom the preparatory course was completed. A student from another college, before he can be admitted, must present a certificate of honorable dismissal.

BOND

A bond for two hundred dollars, with satisfactory sureties, must be filed with the Treasurer by every student on his admission to college, as security for the payment of his term bills and any other charges that may arise under the college laws. A blank form for this purpose will be given with the ticket of admission.

SPECIAL STUDENTS

Persons who give evidence of maturity, earnestness of purpose, and adequate preparation will be allowed to pursue special studies in connection with the regular classes, without becoming matriculated members of the college. Applications for admission as special students should be addressed to the Chairman of the Recording Committee (see p. 38).

Bowdoin College

Required and Elective Studies

REQUIRED STUDIES

In the Freshman year the following courses are required of all students: English 1, 2, French 1, 2 (or German 1, 2), Hygiene 1 (1st Semester), and Elocution 1 (2d Semester). In case a student offers both Elementary French and Elementary German for admission, an elective may be substituted in place of the required language.

In the Sophomore year, German is required of all students except those who offer either French or German (or both) for admission.

In addition, a course in Physical Training is required of all students from December first to April first in each of the four years.

ELECTIVE STUDIES

All other courses, except those mentioned above, are elective, but subject to the following restrictions:

REGULATIONS GOVERNING THE ELECTION OF STUDIES

1. All students, both Regular and Special, are required to take four (4) full courses in each Semester in addition to the required work in Physical Training and Hygiene.

2. All Regular students are required to take a fifth (5) course during any two (2) Semesters after Freshman year.

3. No student is allowed to elect more than one (1) extra course in any Semester, without the consent of the Faculty.

4. No student is allowed to elect courses involving a conflict of hours, except with consent of the Faculty.

5. Each student is required to arrange his course of study in conformity with the following requirements in regard to Major and Minor Subjects.

DEFINITION. A Major is a subject pursued for three (3) consecutive years. A Minor is a subject pursued for two (2) years.

Required and Elective Studies

6. Each Regular student is required to have completed before graduation either

I. One major and two minor subjects, or

II. Two major subjects.

SCHEDULE OF FRESHMEN COURSES

NOTE. The variety of subjects that may be offered in fulfilment of the requirements for admission necessitates the division of students into two groups, which in the following schedule of courses and in the description of courses of instruction are designated as follows:

Class I. Candidates for the degree of A.B. who offer Greek for admission.

Class II. Candidates for the degree of A.B. who offer other subjects than Greek for admission.

CLASS I.

(The numeral in parentheses indicates the number of hours per week.)

Required Subjects: Hygiene (1) First Semester, Elocution (1) Second Semester, English 1, 2 (4), and French 1, 2 (4), or German 1, 2 (4).

Elective Subjects: Choose two of the following, Mathematics 1, 2 (4), Latin 1, 2 (4), Greek 1, 2 (4), History 1, 2 (or 3, 4) under conditions.

CLASS II.

Required Subjects: Hygiene (1) First Semester, Elocution (1) Second Semester, English 1, 2 (4), and German 1, 2 (4), or French 1, 2 (4).

In case a candidate offers both French and German, an elective may be substituted in place of the required language.

Elective Subjects: Choose one from the following, Mathematics 1, 2 (4); Latin 1, 2 (4); and one of the following: Greek A B (4), French 3, 4 (3); Physics 1, 2 (3), Latin 1, 2 (4), or Mathematics 1, 2 (4), History 1, 2 (or 3, 4) under conditions.

Those who elect Physics 1, 2 in Freshman year must also elect Mathematics 1, 2; and those who elect Physics 1, 2 in Sophomore year, must have taken Mathematics 1, 2 in the Freshman year.

Bowdoin College

Elective Subjects for those who offer both Elementary and Advanced German for admission: Choose one of the following: Mathematics 1, 2 (4), Latin 1, 2 (4); and one of the following: Greek A, B, (4), Physics 1, 2 (3), Latin 1, 2 (4), Mathematics 1, 2 (4), German 3, 4 (3), or History 1, 2 (or 3, 4 in alternate year) (4).

Courses of Instruction

GREEK

PROFESSOR WOODRUFF

1. Selections from Xenophon ("Memorabilia" or "Cyropaedia") or Lysias, with review of grammar, weekly exercise in translating into Greek, and practice in reading at sight; followed by the "Odyssey." First Semester: Monday, Tuesday, Friday, 1.30.

2. The "Odyssey" continued, with topics on the life and art of the Homeric age; followed by the Gospel of Mark, with study of the life and institutions of Palestine in New Testament times. Second Semester: Monday, Tuesday, Friday, 1.30.

Courses 1 and 2 are elective for Freshmen, Class I.

3. Introduction to Dramatic Poetry, with study of the origin and development of the Greek drama and the construction and usages of the Greek theatre, together with the reading of one or more of the following plays: Euripides' "Alcestis," "Medea," "Hippolytus," and "Iphigenia in Tauris"; in alternation with the Lyric Poets. First Semester: Monday, Wednesday, Friday, 11.30.

3a. Dramatic Poetry, in alternation with the Lyric Poets, as described under 3. Half course, First Semester: two hours, at the convenience of instructor and students.

4. Dramatic Poetry continued. Two or more of the following plays will be read: Sophocles' "Antigone," and "Oedipus the King"; the "Agamemnon," and "Prometheus Bound" of Aeschylus; the "Frogs," and "Clouds of Aristophanes"; in alternation with Herodotus. Second Semester: Monday, Wednesday, Friday, 11.30.

4a. Dramatic Poetry, in alternation with Herodotus, as described under 4. Half course, Second Semester: two hours, at the convenience of instructor and students.

Courses 3, 3a, 4, and 4a are elective for students who have taken Courses 1 and 2.

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5. Plato's "Apology" and "Crito," with selected passages from the "Phaedo" and other dialogues; in alternation with Aeschylus and Aristophanes. First Semester: two hours, at the convenience of instructor and students.

6. Demosthenes "De Corona," with the history of the development of Greek oratory; in alternation with Thucydides and Lucian. Second Semester: two hours, at the convenience of instructor and students.

Courses 5 and 6 are elective for students who have taken Courses 3 and 4, or 3a and 4a. These courses may be elected for two successive years.

7. Teachers' Course, a half course for students who expect to teach Greek. Includes a review of the fundamentals of Greek grammar with especial attention to syntax, a study of selected passages from Xenophon and Homer, and discussion of text-books and methods of teaching. Second Semester: two hours, at the convenience of instructor and students.

Course 7 is elective for Seniors.

LATIN

PROFESSOR HOUGHTON

1. Selections from the prose authors, chiefly Livy. Latin composition. First Semester: Div. A, Tuesday, Saturday, 11.30, Thursday, 9.30. Div. B, Tuesday, Thursday, Saturday, 10.30.

2. Selections from the poets, chiefly Horace and Ovid. Roman literary history. Second Semester: Div. A, Tuesday, Saturday, 11.30, Thursday, 9.30. Div. B, Tuesday, Thursday, Saturday, 10.30.

Courses 1 and 2 are elective for Freshmen.

3. Roman Comedy: Plautus and Terence. Idiomatic rendering of the colloquial language and metrical reading of the text. First Semester: Tuesday, Thursday, Saturday, 8.30.

3a. Roman Comedy: Plautus and Terence. Half course. First Semester: two hours at the convenience of the instructor and students.

4. Roman Satire: Horace and Juvenal, with comparison of Lucilius, Persius, and Petronius. The private life of the Romans, and the social

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conditions of the first century of the Empire. Second Semester: Tuesday, Thursday, Saturday, 8.30.

4a. Roman Satire. Half course. Second Semester: two hours, at the convenience of the instructor and students.

Courses 3, 3a, 4, 4a, are elective for those who have taken Courses 1 and 2.

[5. Roman Letter-writing: Cicero and Pliny the younger, the history of the last twenty years of the Republic and of the period of Domitian, Nerva, and Trajan. First Semester: two hours.]

[6. Tacitus: Annals (I-VI or XI-XVI), and Suetonius (Augustus and Tiberius, or Claudius and Nero). Second Semester.]

Courses 5 and 6 are omitted in 1904-1905

7. Seneca: selections from the prose works and tragedies. The Latin of the Silver Age. First Semester: two hours, at the convenience of the instructor and students.

[8. Lucretius, or Tibullus and Propertius. Second Semester.] Omitted in 1904-1905.

[9. Cicero "De Oratore," Book I, or Quintilian, Book X. Latin writing. First Semester.] Omitted in 1904-1905.

10. Roman Epics. Vergil and Lucan, with comparison of Statius, Valerius Flaccus, and Silius Italicus. Second Semester: two hours, at the convenience of instructor and students.

Half-courses 5, 6, 7, 8, 9, 10, are elective for Juniors and Seniors who have taken Courses 3 and 4, or 3a and 4a, and for others in special cases.

11. Teachers' Course. Designed for those who expect to teach Latin in secondary schools. Aims and methods of classical study. Practice in pronunciation, translation, and composition. Preparatory authors treated from the teacher's point of view. First Semester: three hours, at the convenience of instructor and students.

Course 11 is elective for Seniors.

FRENCH

PROFESSOR JOHNSON; ASSISTANT PROFESSOR HAM

1. Grammar, composition, and translation of simple texts. First Semester: Div. A, Monday, Wednesday, Friday, 8.30. Div. B, Monday, Wednesday, Friday, 9.30.

Courses of Instruction

2. Grammar, composition, and translation of modern prose. Second Semester: Div. A, Monday, Wednesday, Friday, 8.30. Div. B, Monday, Wednesday, Friday, 9.30.

ASSISTANT PROFESSOR HAM.

French 1 and 2 are required of all Freshmen and other first-year students who have not received credit in Elementary French for admission.

5. Literature of the Eighteenth and Nineteenth Centuries. Lesage to Taine. Dictations. Written reports, fortnightly, on outside reading as follows: Lesage, "Gil Blas," ed. by Cohn and Sanderson; B. de St. Pierre, "Paul et Virginie"; and H. Taine, "Les Origines," ed. by Edgren. First Semester, Monday, Wednesday, Friday, 10.30.

6. Literature of the Classical Period, Corneille to Fénelon. Dictations. Written reports, fortnightly, on outside readings, as follows: Corneille, "Le Cid"; Molière, "Le Misanthrope"; and Racine, "Athalie." Second Semester, Monday, Wednesday, Friday, 10.30.

PROFESSOR JOHNSON.

The class-room work in Courses 5 and 6 consists mainly of the study of selections from the great writers of modern French literature and the critical estimation of the same by French and English authors. The general currents of contemporaneous English and continental thought are noted, and especially the points of international contact. Courses 5 and 6 are open to students who have passed in Courses 1 and 2, or who present their equivalent.

7. Literature and Literary Criticism of the Nineteenth Century, Chateaubriand to Hugo. Written reports, fortnightly, on outside reading, as follows: Chateaubriand, "Extraits," ed. by Sanderson, and the poems of Lamartine, De Vigny, and Hugo, as given in Canfield's "French Lyrics." Written translations of French poems are also required. The class-room work includes the study of at least one complete prose work of Chateaubriand, De Vigny, and Victor Hugo. First Semester: Monday, Wednesday, Friday, 11.30.

8. Continuation of Course 7, Mérimée to Rostand. Written Reports on outside reading, covering the poems of Musset, Gautier, Lecoute de Lisle, Hérédia, Sully Prudhomme, and Coppée, as given

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in Canfield. The class-room work includes the study of a complete work of Mérimée, Balzac, and Rostand. Second Semester: Monday, Wednesday, and Friday, 11.30.

PROFESSOR JOHNSON.

Courses 7 and 8 are open to all students who have done work of the scope of that in Courses 5 and 6. The courses form a part of a consecutive series of three years' work in which the seventeenth, eighteenth, and nineteenth centuries are taken up in detail. Courses 9 and 10 on the eighteenth century will be given in 1905-1906. Courses 11 and 12 on the seventeenth century will be given in 1906-1907.

GERMAN

PROFESSOR FILES; ASSISTANT PROFESSOR HAM

1. Grammar. First Semester: Div. A, Monday, Tuesday, Thursday, Friday, 1.30. Div. B, Monday, Tuesday, Thursday, Friday, 2.30.

2. Grammar. Translation of modern German prose. Prose composition. Second Semester: Div. A, Monday, Tuesday, Thursday, Friday, 1.30. Div. B, Monday, Tuesday, Thursday, Friday, 2.30.

ASSISTANT PROFESSOR HAM.

Courses 1 and 2 are required of Freshmen who offer French for admission, and of all Sophomores who have not previously taken these courses or an equivalent.

3. Prose Composition and Reading. Fiction and Drama of the Nineteenth Century: Sudermann, Hauptmann, Fulda, and others. Advanced Prose Composition. First Semester: Tuesday, Thursday, Saturday, 10.30.

4. Prose Composition and Reading. Course 3 continued. The second half-year is devoted more particularly to prose composition. Second Semester: Tuesday, Thursday, Saturday, 10.30.

PROFESSOR FILES.

Courses 3 and 4 are elective for those students who have taken 1 and 2 or an equivalent. They are intended primarily for students who propose to study the language a third year (German 7, 8, or 9, 10) and give abundant practice in prose composition and in reading the German. Reports upon sight reading in assigned texts are also demanded.

Courses of Instruction

[5. Fiction of the Nineteenth Century. A course in rapid reading. First Semester.] Omitted in 1904-1905.

[6. Scientific and Historical German. A continuation of Course 5. Second Semester.] Omitted in 1904-1905.

PROFESSOR FILES.

Courses 5 and 6 are given parallel with Courses 3 and 4 and may be elected in the same year. While Courses 5 and 6 are designed to give abundant practice in reading modern German to those who do not wish to continue the study of German a third year, they also furnish an additional reading course for those students who desire a more extensive study of the language in the following year when taken in connection with Courses 3 and 4. These courses are elective for those who have completed Courses 1 and 2 or an equivalent.

7. History of German Literature to the Nineteenth Century. Lectures and collateral reading. First Semester: Tuesday, Thursday, Saturday, 11.30.

8. History of German Literature to the Nineteenth Century. Continuation of Course 7. Second Semester: Tuesday, Thursday, Saturday, 11.30.

PROFESSOR FILES.

Courses 7 and 8 are elective for students who have taken Courses 1, 2 and 3, 4 or equivalents. They are designed to give a careful survey of the history of German literature from the earliest times to the nineteenth century. The lectures are in German. In addition, a large amount of collateral reading is required both in assigned texts in periods which are being studied and in histories of German literature.

9. Goethe's Life and Works. Reading from the Poems, "Götz von Berlichingen," and "Egmont." First Semester: Tuesday, Thursday, Saturday, 9.30.

10. Continuation of Course 9. Reading: "Faust I" and selections from "Faust II." Second Semester: Tuesday, Thursday, Saturday, 9.30.

PROFESSOR FILES.

Courses 9 and 10 are elective for those students who have studied German three years or, in exceptional cases, two years. The courses are offered to provide an opportunity for more intensive study to those who are particularly interested in the language and the subject. The author to be studied will be changed from year to year.

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SPANISH

ASSISTANT PROFESSOR HAM

1. Grammar, composition, and reading. First Semester: Monday, Wednesday, Friday, 11.30.
2. Continuation of Course 1. Reading of modern prose. Second Semester: Monday, Wednesday, Friday, 11.30.

The courses in Spanish may be counted towards the degree of A.B. only when both are elected in the same year. They are elective for Juniors and Seniors, and, with the consent of the instructor, for Sophomores.

ENGLISH LITERATURE

PROFESSOR CHAPMAN

1. (a) Augustan Literature. Text-book and lectures. (b) English Romantic Movement. Text-book and lectures. First Semester: Monday, Wednesday, Friday, 9.30.
2. (a) Poets of the Nineteenth Century. Readings, text-book, and lectures. (b) American Literature. Text-book and lectures. Second Semester: Monday, Wednesday, Friday, 9.30.

Courses 1, and 2, form a consecutive course throughout the year. They are elective for Juniors and Seniors.

3. (a) Early English Literature. Lectures, with special study of "Beowulf" and the "Vision of Piers Plowman." (b) Chaucer and the Early Elizabethans. Lectures and readings. First Semester: Tuesday, Thursday, Friday, 1.30.
4. (a) Shakespeare. Study of Select Plays. (b) Seventeenth-Century Literature. Bunyan, Brown, Walton, Milton, and Dryden. Second Semester: Tuesday, Thursday, Friday, 1.30.

Courses 3 and 4 form a consecutive course, but either course may be taken without the other. They are elective for Seniors.

Courses of Instruction

RHETORIC AND ORATORY

PROFESSOR MITCHELL ; MR. FOSTER

ENGLISH

1. Genung's "Practical Rhetoric." A study of diction and of the structure of the sentence and the paragraph. Recitations, lectures, readings; written work with conferences, six long themes and occasional page themes; outside reading: "The Jungle Book," "Will o' the Mill," "Henry Esmond," "The Golden Treasury," "Henry IV." First Semester: Div. A, Tuesday, Thursday, Friday, Saturday, 10.30. Div. B, Tuesday and Friday, 11.30; Thursday and Saturday, 9.30.

2. A continuation of the work in Course 1. A study of the theme as a whole introductory to the more detailed study of exposition, description, narration, and argumentation in Courses 3, 4, and 6. Recitations, lectures, readings: written work with conferences, five long themes and occasional page themes; outside reading: "Twice Told Tales," "David Copperfield," "Henry V," "Franklin's Autobiography," "Treasure Island." Second Semester: Div. A, Tuesday, Thursday, Saturday, 10.30. Div. B, Tuesday, 11.30: Thursday and Saturday, 9.30.

PROFESSOR MITCHELL.

Courses 1 and 2 are required of all Freshmen.

3. Wendell's "English Composition." A study of exposition, description, and narration. Lectures, recitations; written work with conferences, seven long themes, daily themes; outside reading: "The Scarlet Letter," "Hamlet," "Memories and Portraits," Lincoln's "Speeches," "Essays on Clive and Hastings." First Semester: Tuesday, Thursday, Saturday, 11.30.

4. Dawson's "Makers of Modern Prose." A rhetorical study of modern prose writing. A study of the lives and writings of Macaulay, Lamb, Landor, De Quincey, Carlyle, Ruskin, and Newman. Frequent criticisms and reports on outside reading; occasional page themes; one long essay. Outside reading: selections from authors studied in the text-book. Second Semester: Tuesday, Thursday, Saturday, 11.30.

MR. FOSTER.

Courses 3 and 4 are elective for Sophomores, Juniors, and Seniors.

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5. Public Speaking. Informal lectures; drill in articulation, intonation, and gesture; short declamations with criticism by students and instructor; longer declamations, previously rehearsed to the instructor, spoken before the class. Second Semester: Div. C, Friday, 8.30. Div. E, Friday, 9.30. Div. D, Friday, 10.30. Div. F, Friday, 11.30. PROFESSOR MITCHELL.

Course 5 is required of all Freshmen.

6. Argumentation and Debating. Study of masterpieces of forensic oratory. Preparation of briefs and forensics. Conferences. Lectures. Debates. Baker's "Principles of Argumentation." First Semester.

For the debates the men are divided in two sections of about twenty-four each. Four principal disputants are appointed for each debate, and students are required to speak frequently from the floor. The section meetings are held in Hubbard Hall on Monday and Tuesday evenings, 7 to 9.30. The whole class meets at one other hour each week. Each debate is followed by the criticism of the class and of the instructor. Elective for Seniors, Juniors, and, with the consent of the instructor, for Sophomores.

7. Debating and the Forms of Public Address. Continuation of Course 6. Study of the Letter, Eulogy, Editorial Article, Commemorative Address, After-dinner Speech. Baker's "The Forms of Public Address." Second Semester. MR. FOSTER.

Elective for those who have passed in Course 6.

Themes. During the First Semester six themes of not less than five hundred words each are required of all Sophomores not taking English 3, and during the Second Semester five themes of all Sophomores not taking Course 4. PROFESSOR MITCHELL.

EDUCATION

MR. FOSTER

1. Introduction to the Study of Educational Theories and Practices. Recitations, required reading, lectures, reports. Second Semester: Three hours each week.

This course treats education as a vital function of society, and aims to acquaint the student with sources of material and with

Courses of Instruction

such general principles as may stimulate and guide further study. The scope and character of the work may be judged by the following topics: The aims, scope, and methods of education; the special functions of elementary and secondary education; correlation of studies; school hygiene; the relation of psychology and ethics to education; moral and religious education; adaptation to the individual.

[2. The General History of Education. The Development of Schools and School Systems. Discussion of Contemporary Problems and Tendencies. Lectures, required reading, theses, reports on school visiting.] Omitted in 1904-1905.

These courses are planned to satisfy the requirements of those States and cities which demand the professional training of teachers; but the courses are not intended primarily for teachers. Rather they aim to be of value to the parent, the citizen, the educated individual in any community. In Course 2 a limited number of students with high scholarship will have opportunities to teach under the direction and criticism of the instructor. Philosophy 1 is recommended as preparation for the courses in Education. Elective for Seniors and Juniors.

PHILOSOPHY

PRESIDENT HYDE; DR. BURNETT

1. Psychology. Text-book. Lectures and quizzes. Supplementary reading and a thesis. First Semester: Tuesday, Thursday, Saturday, 8.30.

The aim of this course is to acquaint the student with the facts and the principles of experience so far as experience is dependent upon human nature. The connection between mental events and the functions of the nervous system is traced, and the more important anatomical facts of sense organs and brain demonstrated, as far as possible, by the use of models. The phenomena of hypnotism and insanity are considered for the light that they throw upon the normal constitution of mind. The subject-matter is treated from the point of view of natural science and in close dependence upon the results of experimental investigation. Where possible, class-demonstrations are employed. Elective for Juniors and Seniors, and, with the consent of the instructor, for Sophomores.

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[2. History of Philosophy. Text-book and lectures, with quizzes, outside reading, and short papers. Second Semester: three hours a week.] Omitted in 1904-1905. DR. BURNETT.

The object of this course is the training of the student in philosophical inquiry by guiding him along the path through which the occidental mind has arrived at more and more fruitful results in reflecting upon the meaning of its deeds and purposes; and upon the significance of the natural world with which it deals. The assumption is that the beginner in philosophy very naturally recapitulates in the history of his private reflection its successive stages in the race. Elective for Juniors and Seniors, and, with the consent of the instructor, for Sophomores.

3. Introduction to Philosophy. The problems of Nature, Mind, Ontology, Cosmology, Theory of Knowledge, and Philosophy of Religion; with critical discussion of the proposed solutions: Materialism, Spiritualism, Dualism, Pluralism, Creation, Evolution, Realism, Idealism, Panpsychism, and Theism. First Semester: Monday, Wednesday, Friday, 8.30.

Elective for Juniors and Seniors.

4. Ethics. Reading of Plato's "Republic," Aristotle's "Ethics," Mill's "Utilitarianism," and Spencer's "Data of Ethics." Discussion of Hedonistic, Intuitionist, and Idealistic theories. Application of ethical principles to the conduct of life. Second Semester: Monday, Wednesday, Friday, 8.30. PRESIDENT HYDE.

Elective for Juniors and Seniors.

5. Practice Course in Experimental Psychology. Second Semester: two laboratory periods of two hours each.

DR. BURNETT.

The object of this course is training in methods of investigation, with special reference to their particular application to the science of psychology. To this end the experiments of pioneer investigators are repeated, and some of the problems of the special senses, of apperception, association, feeling, volition, attention are worked over in their wake. Constant attention is paid to the correlations between the psychical phenomena and the events in the nervous system. The laboratory work is guided and supplemented by frequent lectures on methods of work, on the physiological basis of the psychi-

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cal facts, the position of the results of the daily experimental work in the system of the science, and the present condition of experimentation in its several fields. Course 2 is presupposed.

[6. Special Laboratory Investigations. Full course.] Omitted in 1904-1905. DR. BURNETT.

This course admits a few well equipped students to assist the instructor in the conduct of original investigations. It presupposes Courses 2 and 5.

[7. Advanced Psychology. Lectures and quizzes. Outside reading, short papers, and a thesis. Half course. Second Semester: Three hours a week.] Omitted in 1904-1905. DR. BURNETT.

This course proposes the consideration of the fundamental presuppositions that underlie the science. To this end it inquires into the nature and value of human knowledge. It presupposes Course 2.

[8. Philosophy of Idealism. Lectures and quizzes, with short papers and a thesis. Half course. First Semester: Three hours a week.] Omitted in 1904-1905. DR. BURNETT.

This course aims at the intensive study of a particular philosophical system and the application of its method in the attempted solution of the problems arising in a philosophical survey of the universe. The work of some important idealistic philosopher will be used as a text and discussed in detail. Course 1 or 3 is presupposed.

NOTE. The more advanced courses outlined above indicate an attempted enlargement of the work of the department. They will be offered as soon as students become qualified. Those intending to make Philosophy a major or minor subject are advised to elect two courses not later than Junior year.

HISTORY AND POLITICAL SCIENCE

DR. ROBERTS

[1. History of England to the Close of the Middle Ages. First Semester: Monday, Wednesday, Friday, 1.30.]

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[2. History of England since the Close of the Middle Ages. Second Semester: Monday, Wednesday, Friday, 1.30.]

Courses 1 and 2 form a consecutive course throughout the year. Course 2 must be preceded by Course 1 unless by special permission of the instructor. In addition to lectures and recitations, required readings will be assigned. Special attention will be paid to historical geography, and maps will be drawn by each member of the class. Course 1 and 2 are given in alternation with Courses 3 and 4. They are elective for Sophomores, Juniors, and Seniors. Omitted in 1904-1905.

3. History of Europe to the Close of the Middle Ages. First Semester: Monday, Wednesday, Friday, 1.30.

4. History of Europe since the Close of the Middle Ages. Second Semester: Monday, Wednesday, Friday, 1.30.

Courses 3 and 4 are governed by the same rules as Courses 1 and 2.

5. History of America to 1789. The following books are used in the course: Thwaite's "The Colonies," MacDonald's "Select Charters" and "Select Documents," Sloane's "French War and American Revolution," Fiske's "Critical Period" and Lodge's edition of "The Federalist." Special reports involving collateral reading will be required. First Semester: Monday, Wednesday, Friday, 8.30.

6. History of the United States, 1789-1865. The following books are used in the course: Johnston's "American Politics," MacDonald's "Select Documents," Lodge's "Alexander Hamilton," Burgess's "The Middle Period," Von Holst's "John C. Calhoun." Special reports involving collateral reading will be required. Second Semester: Monday, Wednesday, Friday, 8.30.

Courses 5 and 6 are elective for Juniors and Seniors. It is advisable that Course 6 should be preceded by Course 5.

7. English and American Governments. A brief survey of the English government will be taken preparatory to a more extended study of American national, state, and municipal government. The following books will be used: Courtney's "Working Constitution of the United Kingdom," Bryce's "American Commonwealth," and Hart's "Actual Government." Collateral reading and reports of lead-

Courses of Instruction

ing constitutional cases will supplement the lectures. First Semester: Monday, Wednesday, Friday, 9.30.

This course will be open only to those who have taken Courses 5 and 6 or an equivalent.

8. Continental European Governments. After a brief historical sketch of the development of these governments, a study is made of their structure and actual working. Lowell's "Governments and Parties of Continental Europe" is used. Collateral reading will supplement the lectures. Second Semester: Monday, Wednesday, Friday, 9.30.

Course 8 is given in alternation with Course 9.

[9. International Law and Diplomatic History of the United States. In this course the rules governing the relations of nations in times of peace, war, and neutrality, will be studied. The diplomatic history of the United States will be drawn upon for illustrations of the application of these rules. Hall's "International Law" will be used. Reports, written or oral, at the discretion of the instructor will be required. Second Semester: Monday, Wednesday, Friday, 9.30.]
Omitted in 1904-1905.

Course 9 is given in alternation with Course 8. This course is open to those who have taken Courses 5 and 6 or an equivalent.

ECONOMICS AND SOCIOLOGY

PROFESSOR MCCREA

1. Elementary Economics. A general introduction to the subject, based on Seager's "Introduction to Economics." Lectures and discussion of text-books. First Semester: Tuesday, Thursday, Saturday, 9.30.

Elective for Sophomores, Juniors, and Seniors.

2. Finance. Money, Banking, and Public Finance, with especial reference to the United States. Lectures, text-books, and collateral reading. Second Semester: Tuesday, Thursday, Saturday, 9.30.

Elective for Sophomores, Juniors, and Seniors who have taken Course 1.

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3. Transportation. Railway Transportation and Ocean Shipping, with especial reference to the United States. First Semester: Tuesday, Thursday, Saturday, 11.30.

4. Economic and Social Problems. The Growth of Monopolies and Trusts; the relations between Capital and Labor; Labor Unions; Socialism. Second Semester: Tuesday, Thursday, Saturday, 11.30.

Courses 3 and 4 are elective for Juniors and Seniors who have taken Course 1.

5a. Economic Theory. The development of economic theory, especially in England, to 1848. Emphasis is placed on the relation of economic theory to contemporary economic conditions. Lectures, reports and discussion of assigned readings. First Semester: Tuesday, Thursday, Saturday, 10.30.

[5b. Economic Theory. A study of recent contributions to economic theory. Lectures, reports, and discussion of assigned readings. First Semester: Tuesday, Thursday, Saturday, 10.30.] Omitted in 1904-1905.

Course 5b will be given in alternation with Course 5a, of which it is a continuation. Both are elective upon consultation with the instructor for Juniors and Seniors who have taken Course 1.

6. Sociology. The Subject-matter of Sociology; the Nature of Society; Theories of Social Evolution; Possibilities of Social Improvement. Second Semester: Tuesday, Thursday, Saturday, 10.30.

Elective for Juniors and Seniors who have taken Course 1.

MATHEMATICS

PROFESSOR MOODY; MR. PEARSON

1. Algebra and Solid Geometry. An introduction to graphic algebra accompanies a review of portions of the preparatory algebra, and is followed by selected topics from series and limits, indeterminate equations, undetermined coefficients, binomial theorem, choice and higher equations. This portion of the work closes before the holiday vacation, and the remainder of the Semester is given to solid geometry with mensuration and original theorems. First Semester: Monday, Tuesday, Wednesday, Friday. Div. A and C, 9.30. Div. B and D, 8.30.

Courses of Instruction

2. Logarithms and Trigonometry. Elements of the theory of logarithms: trigonometry of the right triangle; practice with four-place tables in solving examples from algebra and geometry and simple problems of heights and distances. Demonstration of fundamental formulas for all angles, and proof of exercises drawn therefrom; the theory and use of six-place logarithmic tables; the solution of oblique triangles, with problems and applications. Second Semester: Monday, Tuesday, Wednesday, Friday. Div. A and C, 9.30; Div. B and D, 8.30.

PROFESSOR MOODY AND MR. PEARSON.

Courses 1 and 2 are elective under certain conditions for all Freshmen except those who pass in these subjects at the entrance examinations or who elect Physics during Freshman or Sophomore year (see p. 49). Brief optional courses are given each Semester respectively, in advanced algebra or elementary modern geometry, and surveying.

3. Trigonometry and Analytic Geometry. A brief introduction to spherical trigonometry and the completion of Ashton's "Analytic Geometry," with additional work on familiar higher plane curves. First Semester: Monday, Wednesday, and Friday, 11.30.

4. Calculus. Selected topics from Byerly's "Differential Calculus," with additional work in application to problems and in curve tracing. Double and triple integration for surfaces and volumes. Second Semester: Monday, Wednesday, and Friday, 11.30.

PROFESSOR MOODY.

Courses 3 and 4 are elective for those who have taken Courses 1 and 2 or an equivalent.

5 and 6. Integral Calculus and Elliptic Functions. Byerly's "Integral Calculus," with lectures and collateral reading. First and second Semesters: Tuesday, Friday, 1.30; Thursday, 9.30.

[7 and 8. Modern Methods in Pure and Analytic Geometry.] Omitted in 1904-1905.

PROFESSOR MOODY.

Courses 5 and 6 form a consecutive course throughout the year, and are given in alternation with Courses 7 and 8. They are elective for those who have taken Courses 1 to 4 inclusive or their equivalents.

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10. Advanced Algebra. Theory of equations continued from Course 1. Second Semester: three hours, at the convenience of instructor and students. PROFESSOR MOODY.

Intended for students who wish a further knowledge of algebra, but do not intend to take the more advanced courses in Mathematics.

PHYSICS AND ASTRONOMY

PHYSICS

PROFESSOR HUTCHINS; MR. PEARSON

1. Elementary Physics. Lectures and laboratory work. Mechanics, Heat, and Magnetism. First Semester: Monday, Wednesday, Friday, 8.30 to 10.30.

2. Electricity, Sound, and Light. Lectures and laboratory work. Hastings and Beach's "General Physics" is used for reference and as text-book. Second Semester: Monday Wednesday, Friday, 8.30 to 10.30. PROFESSOR HUTCHINS.

Courses 1 and 2 are designed for beginners.

3. General Physics. Mechanics, Electricity, and Magnetism. Text-book: Thompson's "Electricity and Magnetism." First Semester: Monday, Wednesday, Friday, 1.30 to 3.30.

4. Light and Heat. Text-books: Preston's "Theory of Light," Maxwell's "Theory of Heat." Second Semester: Monday, Wednesday, Friday, 1.30 to 3.30. MR. PEARSON.

Courses 3 and 4 are elective for all who have taken Courses 1 and 2.

5. Alternating Currents. Text-book: Franklin and Williamson's "Alternating Currents." First Semester: three hours a week.

6. Mechanics. Second Semester: three hours a week.

MR. PEARSON.

Courses 5 and 6 are elective for those who have had Courses 1 and 2 and Calculus.

Courses of Instruction

ASTRONOMY

PROFESSOR HUTCHINS

1. Descriptive Astronomy. Text-book: Young's "Manual of Astronomy." First Semester: Monday, Wednesday, Friday, 2.30.

Elective for Sophomores, Juniors, and Seniors.

2. Practical and Spherical Astronomy. Observatory practice: making and reducing of observation. Problems in Nautical Astronomy. Second Semester: Monday, Wednesday, Friday, 2.30.

Elective for those who have taken Course 1.

CHEMISTRY AND MINERALOGY

PROFESSOR ROBINSON

CHEMISTRY

1. General Chemistry. Including preparation and properties of the common elements and their compounds, and the construction and use of chemical apparatus. First Semester: Monday, Wednesday, Friday, 10.30 to 12.30.

Elective for Sophomores, Juniors, and Seniors.

2. General Chemistry. Continuation of Course 1, including quantitative relations, chemical theories, inorganic preparations and a few lectures on organic chemistry. Second Semester; Monday, Wednesday, Friday, 10.30 to 12.30.

Elective for those who have had Course 1 or its equivalent.

3. Chemical Analysis. Mainly qualitative, with certain fundamental principles of quantitative analysis toward the end of the course. First Semester: Monday, Wednesday, Friday, 2.30 to 4.30.

Elective for those who have had Courses 1 and 2.

4. Quantitative Analysis and Organic Chemistry. The first part of the course is a continuation of Course 3, and is followed by elements of organic chemistry. Second Semester: Monday, Wednesday, Friday, 2.30 to 4.30.

Elective for those qualified by previous courses.

Bowdoin College

5. Special and Industrial Chemistry. Including more work in chemical preparations, and application of chemistry to industrial processes. First Semester: Monday, Wednesday, Friday, 2.30 to 4.30.

Elective for those qualified by previous courses. May be taken with Course 3, at hours arranged by agreement.

6. Special and Industrial Chemistry. Continuation of Chemistry 5. Second Semester: Monday, Wednesday, Friday, 2.30 to 4.30.

Elective for those who have had Course 5. May be taken with Course 4, at hours arranged by agreement.

NOTE. All the courses in Chemistry involve a large amount of laboratory work, for which the department is well equipped.

MINERALOGY

1. Determinative Mineralogy. Including elementary crystallography. Second Semester: Monday, Wednesday, Friday, 2.30 to 4.30.

Elective for those who have had Course 1.

NOTE. The Cleaveland and other collections of minerals and models make it possible to illustrate fully the study of mineralogy.

BIOLOGY AND GEOLOGY

PROFESSOR LEE

BIOLOGY

1. Botany. Flowering plants are first studied with reference to their anatomy and microscopical structure. Some attention is given to plant physiology. Types of the lower orders of plants are then examined in detail. About one half of the course consists of laboratory work, in which the student records his observations by notes and drawings. The purpose of the course is to present a comprehensive view of the vegetable kingdom. Second Semester: Monday, Wednesday, Friday, 8.30 to 10.30.

Elective for Sophomores and, under certain conditions, for members of other classes.

Courses of Instruction

2. Zoölogy. The course opens with a laboratory study of the frog as a type of animal life. The lower groups of animals are then taken up in order, with laboratory work on the more important forms. About one-half of the time is devoted to dissection and microscopical work. Text-book: Weyssse's "Zoölogy." First Semester: Monday, Wednesday, Friday, 1.30 to 3.30.

Elective for Juniors and Seniors.

3. Zoölogy. This is a continuation of Course 2. The principal forms studied are vertebrates. Some attention is paid to physiology. Courses 2 and 3 give a general view of the animal kingdom from unicellular organisms to man. Second Semester: Monday, Wednesday, Friday, 1.30 to 3.30.

Elective for those who have taken Course 2.

4. Anatomy and Histology. This is mainly a laboratory course. The anatomy of the cat and that of one or more additional vertebrates are thoroughly studied. A series of preparations illustrating elementary histology is also prepared. First Semester: Monday, Wednesday, Friday, 10.30 to 12.30.

Elective for those who have taken or are taking Courses 2 and 3.

5. Histology and Embryology. This course begins with advanced histology, followed by a study of the development of a fish, salamander, the chick, and some mammal. Second Semester: Monday, Wednesday, Friday, 10.30 to 12.30.

Courses 4 and 5 are intended for those who are proposing to pursue the study of medicine or to prepare themselves for teaching biology. Some opportunity is offered for a selection of work in accordance with the special requirement of the student. Practice is also given in technical laboratory methods.

Elective for those who have taken Course 4.

6. Organic Evolution. This course includes an examination into the theories of the origin and development of life. The topics of variation, adaptation, heredity and other problems which arise in connection with practical biology are discussed. Instruction is given by lectures and recitations. Second Semester: Tuesday, Wednesday, Thursday, 9 30.

Elective for those who have taken Courses 2 and 3.

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GEOLOGY

1. The first topics considered are the geological forces now at work in modifying the earth. Special attention is given to physiography and meteorology. In connection with structural geology there is some laboratory work on common rock-forming minerals and rocks. The course concludes with a brief study of the development of continental areas. Text-book: Le Conte's "Elements of Geology." First Semester: Monday, Wednesday, Friday, 8.30. An additional hour is required during the laboratory work.

Elective for Sophomores and, under certain conditions, for members of other classes.

HYGIENE AND PHYSICAL TRAINING

DR. WHITTIER

HYGIENE

Lectures on Human Anatomy, Physiology, and Personal Hygiene. First Semester: Thursday, 8.30.

Required of Freshmen.

The Director of the Gymnasium gives each student a thorough medical and physical examination. From the measurements and strength tests taken a chart is made out for each student, showing his size, strength, and symmetry in comparison with the normal standard, and also what parts of the body are defective either in strength or development. At the same time the student receives a hand-book containing the exercises prescribed for the purpose of correcting the physical defects shown by his chart, with specific directions in regard to diet and bathing.

PHYSICAL TRAINING

1. Class exercises: military drill, setting-up drill, and Indian-club swinging. Squad exercises (graded to suit the strength of each squad): indoor athletics, chest weights, and heavy gymnastics. December to April: Monday, Wednesday, Thursday, 11.30.

Required of Freshmen.

Courses of Instruction

2. Class exercises: dumb-bells and boxing. Squad exercises: indoor athletics and wrestling. December to April: Monday, Wednesday, Thursday, 3.30.

Required of Sophomores.

3. Class exercises: fencing with single-sticks and with broad-swords. Squad exercise: indoor athletics. December to April: Tuesday, Thursday, 4.30; Friday, 3.30.

Required of Juniors.

4. Class exercises: fencing with foils. Squad exercise: indoor athletics. December to April: Monday, Wednesday, Friday, 4.30.

Required of Seniors.

COURSES IN THE MEDICAL SCHOOL

By vote of the Faculty, the work in Anatomy, Physiology, and Chemistry, in the first year of the course in the Medical School, is accepted in place of the required four courses of Senior year in the Academic department.

Students intending to avail themselves of this privilege are required to register in the Academic department at the opening of the college year; they will then be excused from further attendance until the opening of the Medical School, which occurs on the third Thursday in October.

Administration of the College

DEGREES

The degree of Bachelor of Arts is conferred by the Boards of Trustees and Overseers, on recommendation of the Faculty, upon those students in regular standing who have duly completed the academic course prescribed by the regulations of the government of the college.

The degree of Master of Arts is conferred upon those graduates of the college who, after taking the Bachelor's degree, complete an approved course of advanced study. The requirements for the degree of Master of Arts consists of a full year's residence devoted to such advanced study under the guidance of one or more members of the college Faculty, and a written and oral examination at the completion of this work.

GOVERNMENT

In all matters pertaining to the good order of the college, and the relations of the students to one another, the students govern themselves through a Jury.

The Jury consist of undergraduate students in good and regular standing, chosen as follows : each of the four classes elects one member ; each chartered chapter of an intercollegiate fraternity of three or more years' standing in the college elects one member ; and all who do not belong to any such fraternity elect one member.

The Jury have absolute and final jurisdiction over all cases of public disorder and all offences committed by students against each other. The Faculty have jurisdiction over conduct during college exercises, conduct toward college officers, damage to college buildings, and all matters of personal morality which affect primarily the character and reputation of individual students.

Administration of the College

The following are the members of the Jury for 1904-1905 :

Everett Woodbury Hamilton (K. Σ.), *Foreman*

William John Norton, (B.Θ.Π.), *Secretary*

Ralph Norwood Cushing (Ψ.Υ.)	Henry Alfred Lermond (1905)
Walter Samuel Cushing (Δ.Κ.Ε.)	Walter Martin Sanborn (Α. Δ. Φ.)
Philip Kilborn Greene (Δ.Υ.)	George Henry Stone (Θ. Δ. Χ.)
Robert Elwyn Hall (Ζ.Ψ.)	Edwin Augustin Duddy (1907)
Herbert Staples Hill (Non Frat.)	Hiram Benjamin Tuell Chandler (1908)

ATHLETIC COUNCIL

The active regulation of the athletic interests of the college is represented by the Athletic Council of the general Athletic Association of Bowdoin College. It consists of twelve members, two of whom are chosen from the Faculty of the college, and five each from the Alumni and Student bodies. The members for the year 1904-1905 are as follows :

Alumni

Charles Taylor Hawes, *Chairman*
Franklin Conant Payson
Henry Asa Wing
Roland William Mann
Barrett Potter

Students

Wallace Copeland Philoon (1905)
Louis Dwight Harvell Weld (1905)
Crowell Clairinton Hall, Jr. (1906)
George Parcher (1906)
Earle Haggett McMichaels (1907)

Faculty

Professor William Albion Moody
Dr. Frank Nathaniel Whittier

RELIGIOUS EXERCISES

All students are required to attend devotional exercises, consisting of responsive reading, singing, and prayer, held in the College Chapel every week-day morning, and a brief service, including an address by the President, on Sunday afternoon. Every student is also expected to attend the exercises of public worship on the Sabbath at one of the churches in Brunswick.

Bowdoin College

Prayer-meetings under the direction of the Young Men's Christian Association, a religious organization of the students, are held on Thursday evenings, and other meetings on Sunday, to which all members of the college are cordially invited.

TERMS AND VACATIONS

The Academic Year is divided into two semesters, or terms, of equal length. Commencement Day is the fourth Thursday of June. The Summer Vacation of thirteen weeks follows Commencement Day. There are two periods of vacation during the year: the first, a recess of about ten days including Christmas and New Year's; the second, the Easter Recess of about ten days at or near the first of April. The following are also observed as holidays: Thanksgiving Day, Washington's Birthday, Memorial Day, and Ivy Day (the first Friday in June).

RANK

The rank of a student in each course is computed on a scale of ten (10), but is preserved on the college records in the letters A, B, C, D, and E. A signifies a rank from 9 to 10; B, a rank from 8 to 9; C, a rank from 7 to 8; D, a rank from 6 to 7; E, a rank lower than 6, and a condition.

EXAMINATIONS

The regular examinations of the college are held at the close of each Semester.

An unexcused absence from an examination entails a mark of zero. In case of illness or other unavoidable cause of absence from examination, the class officers have power to suspend the action of this rule until the case can be brought before the proper committee.

REPORTS OF STANDING

A report of the rank of each student is sent to the parent or guardian at the close of each Semester. The report contains a statement of the standing of the student in each of his courses, together with the number of unexcused absences from church and chapel.

Administration of the College

Rank is computed according to the method described above; it is preserved on the college records, and reported to the parent or guardian, in the letters A, B, C, D, and E.

ATTENDANCE AT EXERCISES

Attendance is required of all students at recitations and lectures continuously throughout the Semester, and at the daily College prayers which are held on each week day at 8.20 A. M., and on Sundays at 4 P. M.

REGISTRATION

All students are required to register on the first day of each Semester. The Registrar's office will be open from 8.30 A. M. to 4.30 P. M. for this purpose. In case a student is unavoidably absent on the opening day, notice should be sent to the Registrar in writing, giving cause for absence, and stating probable date of registration.

MEDICAL ATTENDANCE

A fund of \$1,000, given by Mr. and Mrs. GEORGE F. GODFREY of Bangor, in memory of their son, HENRY PRENTISS GODFREY, is devoted to providing medical attendance for students who may be sick while in college.

In case of illness students should immediately call upon or summon the college physician.

Scholarships

The income of over One Hundred and Twenty-five Thousand Dollars is devoted to scholarships and prizes in aid of meritorious students of slender means.

Applications for scholarships must be made upon blank forms furnished at the office of the Treasurer of the college. They must be made out anew each year; signed by both the student and his parent or guardian; and deposited in the Treasurer's office before November 1.

BROWN MEMORIAL SCHOLARSHIPS. A fund for the support of four scholarships in Bowdoin College, given by Hon. J. B. BROWN of Portland, in memory of his son, JAMES OLCOTT BROWN, A.M., of the Class of 1856.

According to the provisions of this foundation, there will be paid annually the income of one thousand dollars to the best scholar in each undergraduate class who shall have graduated at the High School in Portland after having been a member thereof not less than one year.

SHEPLEY SCHOLARSHIP. A fund of \$1,000, given by Hon. ETHER SHEPLEY, LL.D., of Portland, late Chief Justice of the Supreme Court of Maine.

MARY L. SAVAGE MEMORIAL SCHOLARSHIP. A scholarship of \$1,000, founded by Rev. WILLIAM T. SAVAGE, D.D., of Quincy, Ill., in memory of his wife, MARY L. SAVAGE.

BENJAMIN DELANO SCHOLARSHIP. A scholarship of \$1,000, bequeathed by Captain BENJAMIN DELANO of Bath.

AND EMERSON SCHOLARSHIPS. A fund amounting at present to \$7,000, given by AND EMERSON, Esq., of Boston, through Rev. Dr. E. B. WEBB.

STEPHEN SEWALL SCHOLARSHIP. A scholarship of \$1,000, given by Deacon STEPHEN SEWALL of Winthrop.

Scholarships

The income of the preceding five scholarships is to be appropriated for the aid of students preparing to enter the ministry of the Evangelical Trinitarian churches.

JOHN C. DODGE SCHOLARSHIP. A fund of \$1,000, given by Hon. JOHN C. DODGE, LL.D.

ALFRED JOHNSON SCHOLARSHIPS. Three scholarships of \$1,000 each, founded by ALFRED WALDO JOHNSON of Belfast, of the Class of 1845 in memory of his grandfather, Rev. ALFRED JOHNSON, and of his father, Hon. ALFRED JOHNSON.

WILLIAM B. SEWALL SCHOLARSHIP. A scholarship of \$1,000, founded by Mrs. MARIA M. SEWALL, in memory of her husband, WILLIAM B. SEWALL, Esq.

MARY CLEAVES SCHOLARSHIPS. Three scholarships of \$1,000 each, founded by the will of Miss MARY CLEAVES.

CRAM MEMORIAL SCHOLARSHIP. A scholarship of \$1,000, founded by Hon. MARSHALL CRAM of Brunswick, in memory of his son, NELSON PERLEY CRAM, of the Class of 1861, who lost his life in the service of his country.

JAMES MEANS SCHOLARSHIP. A scholarship of \$2,000, given by WILLIAM G. MEANS, Esq., of Andover, Mass., in memory of his brother, Rev. JAMES MEANS, of the Class of 1833, who died in the service of his country.

CHARLES DUMMER SCHOLARSHIPS. A fund of \$6,000, given by Mrs. ALMIRA C. DUMMER, in memory of her husband, CHARLES DUMMER, A.M., who was for many years a member of the Board of Overseers.

W. W. THOMAS SCHOLARSHIPS. Six scholarships of \$1,000 each, founded by Hon. W. W. THOMAS of Portland, to be awarded under certain conditions.

BUXTON SCHOLARSHIP. A fund at present amounting to \$3,500, contributed by CYRUS WOODMAN, Esq., of Cambridge, Mass., in aid of deserving students, preference being given to natives and residents of Buxton.

PIERCE SCHOLARSHIP. A scholarship of \$1,000, bequeathed by Mrs. LYDIA PIERCE of Brunswick, in memory of her son, ELIAS D. PIERCE.

Bowdoin College

BLAKE MEMORIAL SCHOLARSHIPS. A fund of \$4,000, bequeathed by Mrs. NOAH WOODS of Bangor, in memory of her son, WILLIAM A. BLAKE, of the Class of 1873.

HULDAH WHITMORE SCHOLARSHIPS. Two scholarships of \$2,500 each, given by Hon. WILLIAM GRISWOLD BARROWS, LL.D., of Brunswick, in memory of his wife, to be awarded by the President under certain conditions.

NATHANIEL MCLELLAN WHITMORE SCHOLARSHIP AND GEORGE SIDNEY WHITMORE SCHOLARSHIP. Two scholarships of \$1,000 each, given by Mrs. MARY J. WHITMORE, in memory of her sons, NATHANIEL MCLELLAN WHITMORE, of the Class of 1854, and GEORGE SIDNEY WHITMORE, of the Class of 1856.

GEORGE FRANKLIN BOURNE SCHOLARSHIP. A scholarship of \$1,000, given by Mrs. NARCISSA SEWALL BOURNE, of Winthrop.

LOCKWOOD SCHOLARSHIP. A scholarship of \$1,000, established by Mrs. Sarah F. Lockwood in memory of Hon. AMOS DEFOREST LOCKWOOD, a former treasurer of the college.

WILLIAM LITTLE GERRISH SCHOLARSHIP. A scholarship of \$1,000, given by Dr. F. H. GERRISH, in memory of his brother, WILLIAM LITTLE GERRISH, of the Class of 1864.

LAWRENCE SCHOLARSHIPS. A fund of \$6,000, given by Mrs. AMOS LAWRENCE of Massachusetts, the income to be annually appropriated for the whole or a part of the tuition of meritorious students who may need pecuniary assistance, preference being given to those who shall enter the college from Lawrence Academy, at Groton, Mass.

G. W. FIELD SCHOLARSHIPS. Two scholarships of \$2,000 each, given by Rev. GEORGE W. FIELD, D.D., of Bangor, of the Class of 1837. In awarding the scholarships, preference is to be given, first, to students or graduates of the Bangor Theological Seminary, and second, to graduates of the Bangor High School.

JUSTUS CHARLES FUND. A fund established by the will of JUSTUS CHARLES of Fryeburg, for such indigent students as, in the opinion of the President, are most meritorious, deserving, and needy.

MOSES R. LUDWIG AND ALBERT F. THOMAS SCHOLARSHIP. Founded by Mrs. HANNAH C. LUDWIG of Thomaston.

Scholarships

JOSEPH N. FISKE SCHOLARSHIP. A scholarship of \$1,000, given by Mrs. CHARLOTTE M. FISKE, of Boston, in memory of her husband.

CROSBY STUART NOYES SCHOLARSHIPS. Two scholarships of \$2,000 each, established by CROSBY S. NOYES, A.M., of Washington, D. C. In awarding these, preference is to be given to natives or residents of Minot.

HENRY T. CHEEVER SCHOLARSHIP. A scholarship of \$500, given by Rev. HENRY T. CHEEVER, D.D., of Worcester, Mass., to be awarded by the President under certain conditions.

MOSES M. BUTLER SCHOLARSHIPS. A fund of \$10,000 given by Mrs. OLIVE M. BUTLER, of Portland, in memory of her husband, MOSES M. BUTLER, of the Class of 1845, to establish four scholarships.

STANWOOD ALEXANDER SCHOLARSHIP. A scholarship of \$2,500, given by Hon. D. S. ALEXANDER, of Buffalo, N. Y., Class of 1870, in memory of his father, STANWOOD ALEXANDER, of Richmond, Maine, to be awarded under certain conditions.

JOSEPH LAMBERT FUND. Bequest of \$1,000 by Mrs. ANN E. LAMBERT, of Jamaica Plain, Mass.

JOHN PRESCOTT WEBBER, Jr., SCHOLARSHIP. \$2,500, given by JOHN P. WEBBER, Esq., of Boston, Mass., in memory of his son, JOHN PRESCOTT WEBBER, Jr., of the Class of 1903.

ELLEN J. WHITMORE SCHOLARSHIP. A scholarship of \$2,000, given by Miss ELLEN J. WHITMORE, of Brunswick.

CYRUS WOODMAN SCHOLARSHIPS. \$3,000 given by Miss MARY WOODMAN, of Cambridge, Mass., to establish one or more scholarships in memory of her father.

FRED WHITNEY FLOOD SCHOLARSHIP. The sum of \$100 is given each year by LOUIS CLINTON HATCH, of Bangor, of the Class of 1895, as a scholarship in memory of his college-mate, FRED WHITNEY FLOOD.

GARCELON and MERRITT FUND. The sum of \$500 from the income of the GARCELON and MERRITT FUND is appropriated for the aid of worthy students.

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WILLIAM LAW SYMONDS SCHOLARSHIP. A fund of \$3,000, founded by his family in memory of WILLIAM LAW SYMONDS, of the Class of 1854; the income to be applied by the Faculty in aid of Bowdoin students, preference to be given to those showing tendency to excellence in Literature.

CLASS OF 1872 SCHOLARSHIP. A fund of \$2,500 given by the Class of 1872.

CHARLES M. CUMSTON SCHOLARSHIP. A fund of \$2,000 given by Charles McLaughlin Cumston, LL D., of the Class of 1843, the income to be given preferably to a graduate of the English High School of Boston.

CYRUS WOODMAN TRUST FUND. A fund, now amounting to \$32,000, established by Cyrus Woodman, Esq., of the Class of 1836, one-half of the income of which is appropriated for scholarships.

CHARLES CARROLL EVERETT SCHOLARSHIP. Certain real estate in Brunswick, in trust, the net income of which is given to that graduate of Bowdoin College whom the President and Trustees shall deem the best qualified to take a post-graduate course in either this or some other country.

ALBION HOWE MEMORIAL LOAN FUND. A sum of \$1,000, given by Lucian Howe, M.D., of Buffalo, N. Y., for the establishment of a loan fund in memory of his brother Albion Howe, of the Class of 1861.

Prizes

SMYTH MATHEMATICAL PRIZE. A fund of \$5,000, the gift of HENRY J. FURBER, Esq., of Chicago, named by him in honor of PROFESSOR WILLIAM SMYTH. From the present income of the fund \$300 is given to that student in each Sophomore Class who obtains the highest rank in the mathematical studies of the first two years. The rank is determined mainly by the daily recitations; but the Faculty may at their discretion order a special examination, the result of which will be combined with the recitation rank. The successful candidate receives \$100 at the time the award is made. The remaining \$200 is paid to him in instalments at the close of each term during Junior and Senior years. If a vacancy occurs during those years, the

Prizes

next in rank secures the benefit of the prize for the remainder of the time.

DAVID SEWALL PREMIUM. Prizes amounting to Ten Dollars are awarded to members of the Sophomore Class for excellence in Oratory at their annual Prize Declamation.

BROWN COMPOSITION PRIZES. Two prizes, one of Thirty Dollars and one of Twenty Dollars, established by Mr. PHILIP G. BROWN, of the Class of 1877, in memory of PHILIP HENRY BROWN, Esq., of Portland, of the Class of 1851, are offered to the Senior Class for excellence in Extemporaneous English Composition.

SEWALL GREEK PRIZE. A prize of Twenty-five Dollars, given by Professor JOTHAM BRADBURY SEWALL, of Boston, of the Class of 1848, formerly Professor of Greek in the college, is awarded to the member of the Sophomore Class who sustains the best examination in Greek.

SEWALL LATIN PRIZE. A prize of Twenty-five Dollars, also given by Professor SEWALL, is awarded to the member of the Sophomore Class who sustains the best examination in Latin.

GOODWIN COMMENCEMENT PRIZE. A prize of Fifty Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, of Philadelphia, of the Class of 1832, is awarded each year to the author of the best Commencement Part.

CLASS OF 1868 PRIZE. A prize of Forty Dollars, contributed by the Class of 1868, is given annually to the author of the best written and spoken oration in the Senior Class.

PRAY ENGLISH PRIZE. A prize of Fifty Dollars, given by Dr. THOMAS J. W. PRAY, of Dover, N. H., of the Class of 1844, is awarded each year to the best scholar in English Literature and original English Composition.

GOODWIN FRENCH PRIZE. A prize of Twenty-five Dollars, given by Rev. Dr. DANIEL RAYNES GOODWIN, is awarded annually to the best scholar in French.

NOYES POLITICAL ECONOMY PRIZE. This prize, consisting of the annual income of one thousand dollars, was established by CROSBY STUART NOYES, A.M., and is awarded to the best scholar in Political Economy.

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CLASS OF 1875 PRIZE IN AMERICAN HISTORY. This prize, consisting of the annual income of three thousand dollars, was established by WILLIAM J. CURTIS, of New York City, of the Class of 1875, and will be awarded to the student who writes the best essay and passes the best examination on some assigned subject in American History.

BRADBURY DEBATING PRIZES. Prizes amounting to \$60, given by Hon. JAMES WARE BRADBURY, LL.D., of the Class of 1825, are awarded each year to members of the Junior and Senior Classes for excellence in debating.

HAWTHORNE PRIZE. A prize of \$40, given by Mrs. GEORGE C. RIGGS (Kate Douglas Wiggin), of New York, is awarded each year to the author of the best short story. The competition is open to members of the Sophomore, Junior, and Senior Classes.

SPECIAL PRIZE FOR THE YEAR 1904-1905. In memory of Mrs. William Henry Moulton of Portland, a prize of \$20 is offered for the present academic year, by the National Society of Colonial Dames of America in Maine, for the best essay on "Arbitration as the best means of settling international disputes."

Expenses

Expenses

COLLEGE BILLS

Term bills, containing college charges, are mailed to the parent or guardian of each student three times each year, viz., on December 15, April 1, and at the close of the year; these bills become payable at once.

No students will be advanced in class standing until all the dues of the previous year have been paid; and no degrees will be conferred upon students who have not paid all their dues to the college.

No student will be dismissed from college on request unless he shall have paid all his college bills, including that of the current Semester.

ESTIMATED EXPENSES.

The following table exhibits three scales of annual expenditure. Room rent, heat, and light are estimated on the supposition that two students occupy the same room, thus materially reducing the expense. No attempt is made to estimate such expenses as furniture, travelling expenses, class dues, and fraternity fees, since the taste and character of individual students vary to such a degree that all such estimates are of little value.

	Lowest.	Average.	Liberal.
Tuition	\$75.00	\$75.00	\$75.00
Incidental college charges	6.00	6.00	6.00
Room rent (two persons sharing one room)	18.00	36.00	54.00
Lighting (\$6 per lamp per year)	6.00	12.00	30.00
Laboratory fees (Chemistry)	2.00	3.00	4.00
Board (thirty-six weeks, \$3 to \$5) . . .	108.00	135.00	180.00
Books and stationery	10.00	20.00	40.00
Washing	10.00	20.00	30.00
	<hr/> \$235.00	<hr/> \$307.00	<hr/> \$419.00

The item of heat is included in the rental of all college rooms.

None of the college rooms are furnished; but furniture can easily be purchased in town at reasonable prices.

The College Buildings

There are eleven college buildings. The spacious campus, of about forty acres, upon which they are grouped is within five minutes' walk of the railroad station, one mile from the Androscoggin River with its picturesque falls, and about three miles from the shores of Casco Bay. A central heating and lighting plant supplies steam heat and electric light to all the buildings, which are also connected with the water and sewerage systems of the town.

MASSACHUSETTS HALL

This hall, named for the mother state from which the college derives its charter, was the first building erected for the uses of the college. On the first floor are the offices of the treasurer of the college, and a lecture room in which are the quaint old colonial fireplace and oven as used for a time by the family of the first president.

The second and third floors have been thrown together and converted into a cabinet of natural history through the liberality of the late Peleg Whitman Chandler, of the Class of 1834, and named the Cleaveland Cabinet, in memory of Professor Parker Cleaveland. It contains, besides other collections, the mineralogical collection which has the special interest of having been the basis of Professor Cleaveland's "Treatise on Mineralogy and Geology," the first systematic treatise on mineralogy published in this country.

THE DORMITORIES

There are three dormitories, of brick and stone, each one hundred feet by forty, and four stories in height. In the order of their erection they are Maine Hall, named for the District (now the State) of Maine; Winthrop Hall, named in honor of Governor John Winthrop of the Massachusetts Bay Colony; and Appleton Hall, named in honor of President Jesse Appleton, the second president of the college. Each of these dormitories contains thirty-two *suites*, consisting of a sitting-room or study, a bedroom, and an ample closet. The rooms are heated and lighted with steam and electricity from the central station, and the dormitories are supplied with water from the town system, and provided with toilet rooms.

The College Buildings

KING CHAPEL

The chapel, built of undressed granite, and named in honor of Governor William King, the first Governor of Maine, is a Romanesque Church, the façade of which is marked by twin towers and spires which rise to the height of one hundred and twenty feet. The aisles and chancel are shut off from the nave by partition walls. The nave is the chapel proper, in which are held the daily religious exercises of the college. There is a broad central aisle, from either side of which rise the ranges of seats after the manner of a cathedral choir. The platform, with the reading-desk, occupies the entire width of the chapel at its eastern end, and behind it rises the rood-screen of carved and panelled walnut, surmounted by a rood-gallery affording entrance to an upper room in the chancel; and through this entrance is seen, from the chapel below, an oriel window. From the walnut wainscoting on the sides of the chapel to the clerestory windows an unbroken wall, more than thirty feet in height, is divided by decorative frescoing into large panels in which are mural paintings—the gifts of individuals and of college classes—representing the Annunciation, the Adoration, the Baptism, and the Ascension, Paul preaching at Mars Hill, the Healing at the Beautiful Gate, St. Michael and the Dragon, Adam and Eve after the Transgression, and the Giving of the Law. A decorated ceiling which is carried up into the roof has a blue ground overlaid with golden stars. The music gallery is over the entrance to the chapel, between the two towers, and contains an organ which was a gift to the college from Oliver Crocker Stevens, of the Class of 1876, and Mrs. Stevens.

MEMORIAL HALL

This building, erected by the contributions of alumni and friends, is a memorial to the graduates and students of the college who served in the Union army or navy during the Civil War. It is a granite structure in the French-Gothic style of architecture. On the first floor are four recitation rooms, and the office of the Registrar. The memorial hall proper occupies the whole of the second floor, and is a spacious audience room used for exhibitions and other public exercises. Aside from its architectural and decorative finish, it is notably adorned with busts and portraits of presidents, professors, benefactors, and distinguished graduates of the college. The names and military

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rank of two hundred and ninety Bowdoin men who fought to maintain the Union are inscribed on bronze tablets, the gift of Thomas Hamlin Hubbard, of the Class of 1857.

MARY FRANCES SEARLES SCIENCE BUILDING

This building was a gift to the college from Mr. Edward F. Searles, in memory of his wife, whose name it bears. It is built of Perth Amboy brick, with trimmings of Ohio stone, and is practically fire-proof. It is of the Elizabethan style of architecture, one hundred and eighty feet in length, and, with its two wings, one hundred and five feet in depth. It is three stories in height, with a high, well-lighted basement, and contains the college clock, which strikes the hours and half-hours. It is designed for the use of the three departments of chemistry, physics, and biology, and contains both large and small laboratories for each of these departments, with lecture rooms, offices, store rooms, cabinets, a work room for the manufacture of apparatus, a conservatory for plants, etc. It is fitted with all the devices and conveniences which experience has found to be desirable, and is fully adapted to the uses for which it was designed.

WALKER ART BUILDING

This building, designed for the exhibition of the art treasures of the college, — except the portraits and busts in Memorial Hall and the mural paintings in King Chapel, — was erected by the Misses Harriet and Sophia Walker, of Waltham, Massachusetts, as a memorial of their uncle, the late Theophilus Wheeler Walker. It is one hundred feet in length by seventy-three in depth, and is surrounded on three sides by a brick-paved terrace, about twenty-five feet in breadth, with granite supporting walls and parapets. The materials used in the building are Freeport granite, Indiana limestone, and brick.

The main entrance consists of a loggia, in front of which, and supporting the wall above, are six Ionic columns of stone. Niches in the front wall of the building on either side of the loggia contain bronze copies, by De Angelis of Naples, of the classical statues of Demosthenes and Sophocles. Pedestals on either side of the ascent to the loggia are surmounted by copies in stone of the lions of the Loggia dei Lanzi.

The entrance from the loggia is to the Sculpture Hall, occupying the central portion of the building, beneath a dome which rises to the height of forty-seven feet, and furnishes light to the apartment

The College Buildings

through a skylight at the top. The four tympana below the dome, each twenty-six feet in width, are filled with four paintings symbolizing the artistic achievements of Athens, Rome, Florence, and Venice, executed by Messrs. John La Farge, Elihu Vedder, Abbott Thayer, and Kenyon Cox, respectively. Casts of classical figures and groups of statuary are exhibited in this room.

The Bowdoin, Boyd, and Sophia Wheeler Walker Galleries are entered from three sides of the Sculpture Hall. The Bowdoin Gallery contains chiefly the collection of about one hundred paintings, and one hundred and fifty original drawings by old and modern masters bequeathed to the college by Honorable James Bowdoin. The Boyd Gallery contains the collection of paintings bequeathed by Colonel George W. Boyd, of the Class of 1810, with others of later acquisition, a collection of Japanese and Chinese works of art, loaned by Professor William A. Houghton, the Virginia Dox collection of objects of native American art, and collections given or loaned by Mr. George W. Hammond, Mrs. Levi C. Wade, Mr. Harold M. Sewall, Dana Estes, and other friends of the college. The Sophia Wheeler Walker Gallery contains specimens of ancient glass, Roman sculpture, old Flemish tapestry, Oriental ivory carvings, miniatures, etc., with paintings and drawings by modern artists of the foremost rank, and a bronze relief portrait, by French, of Theophilus Wheeler Walker, — all given by the Misses Walker.

The galleries are finished in oak, and are lighted from above through large skylights. In the basement are a lecture room, a room of Assyrian sculpture, curator's and students' rooms, lavatory, etc. The building is open to visitors about five hours daily.

HUBBARD HALL

The recently erected library building affords convenient and adequate accommodation for the College Library, and for its prospective growth, with reading and consultation rooms, lecture and conference rooms, administrative offices, etc. It is a gift to the college from General Thomas Hamlin Hubbard, of the Class of 1857, and his wife, Mrs. Sibyl Fahnestock Hubbard. It is about one hundred and seventy feet in length, and fifty feet in depth, with a wing in the rear, for a stack room, eighty-eight feet by forty-six. It is entirely fire-proof, the materials used in its construction being granite, Indiana limestone, brick, iron, and steel. It is of the seventeenth-century Gothic architecture, with the main entrance through a central

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projecting tower, the façade being still further broken by semi-circular projections at the ends. It is situated at the southern end of the campus, fronting towards Massachusetts and Memorial Halls, and, with the buildings already mentioned, completes the campus quadrangle.

ADAMS HALL

This hall is occupied chiefly by recitation and lecture rooms. It is built of brick, with stone trimmings, is about one hundred feet by fifty, and three stories in height. It is named in honor of the late Seth Adams of Boston, who contributed generously toward its erection. On the first floor are two recitation rooms assigned to the uses of the academical department; the second and third floors are devoted exclusively to the medical department, and contain a lecture room, an amphitheatre, a dissecting room, a room for the Seavey Anatomical Museum, a reference medical library, with ante-rooms and a registrar's office.

THE OBSERVATORY

The Astronomical Observatory, for which the college is largely indebted to the late John J. Taylor of Fairbury, Illinois, was mainly designed for purposes of instruction. Although the smallest of the college buildings, great care was exercised in its construction, and it is supplied with a telescope mounted in a revolving turret, a transit instrument, and the usual accessories for meridian observations.

THE SARGENT GYMNASIUM

The gymnasium, erected in 1885, is named in honor of Dr. Dudley Allen Sargent, of the Class of 1875, the first director under the system of required physical exercise. It is supplied with the most approved apparatus for gymnastic instruction, the gift of Dr. Sargent, and is provided with bath rooms and individual lockers. A part of the basement of this building and an extension in the rear are used as a central station for generating steam heat and electricity for the heating and lighting of all the college buildings.

A straight path through the pine grove in the rear of the campus leads from the gymnasium a short distance to the Whittier Athletic Field. This field, named in honor of Dr. Frank Nathaniel Whittier, the present director of the gymnasium, who was largely instrumental in the acquisition and preparation of it for athletic purposes, is about five acres in extent, and is well adapted, in all respects, for baseball, football, and track athletics.

The Library

The Library

The Library contains seventy-nine thousand volumes and several hundred unbound pamphlets. It includes the private library of Hon. James Bowdoin, received after his death in 1811, the library of the Medical School of Maine, established in 1820, the extensive collections of the Peucinian and Athenæan Societies, added in 1880, and valued donations received from numerous institutions and individuals during the century of its existence. A large proportion of its contents, however, has been purchased within the last two decades with a view to aid the work of instruction by supplying both teachers and students with the best books and the leading periodicals in the various departments of the curriculum.

Attention has been directed, also, towards the building up of a complete and attractive library of general reference in which the literature of the present, as well as of the past, is given its proper place, and which shall serve as an active agent in the attainment of liberal culture. This portion of the library, containing upwards of ten thousand volumes, is arranged in the spacious and well-lighted room at the east end of Hubbard Hall. The corresponding room on the west is given to some six thousand bound volumes of magazines that are indexed in Poole's Index to Periodical Literature, and to the current periodicals, of which the library receives about two hundred. Adjacent is a special reading-room for the daily newspapers, and another for a choice collection, not yet complete, of fine editions of the works of the great masters of literature.

The entire collection is classified by the Decimal Classification and is supplied with a dictionary card catalogue. Though no formal instruction in bibliography is now given, the librarian and his assistants are ready to lend personal aid to inquirers. During term time, the library is open continuously from 8.30 A. M. to 5.30 P. M., and in the evening from 7 to 9.30. In vacation it is also open daily, with the exception of Sundays and holidays. Students are allowed to borrow three books at a time, and to retain them, if needed, four weeks. The privileges of the library are extended to graduates and to clergymen, also to any persons on recommendation of the Library Committee.

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Annual accessions, which average over two thousand volumes, are made to the library by means of an appropriation of the Boards for the purpose, and from the proceeds of funds contributed by Rev. Elias Bond, D.D., John L. Sibley, A.M., Hon. Samuel H. Ayer, Dr. R. W. Wood, Mrs. John C. Dodge, Henry J. Furber, Esq., and Hon. John L. Cutler. A special collection of books relating to the Huguenots is annually increased from the income of a book fund given by George S. Bowdoin, Esq. A similar library of rhetoric and literature has been recently established by the late Captain John C. Brown, U. S. A., as a memorial of his father, Philip Henry Brown, Esq., of the Class of 1856.

MEDICAL SCHOOL OF MAINE

Faculty

REV. WILLIAM DEWITT HYDE, D.D., PRESIDENT.

ALFRED MITCHELL, A.M., M.D., DEAN, *Professor of Internal Medicine.*

FREDERIC HENRY GERRISH, A.M., M.D., *Professor of Anatomy.*

STEPHEN HOLMES WEEKS, A.M., M.D., *Professor of Surgery and Clinical Surgery.*

CHARLES OLIVER HUNT, A.M., M.D., *Professor of Materia Medica and Therapeutics.*

FRANKLIN CLEMENT ROBINSON, A.M., LL.D., *Professor of Chemistry.*

LUCILIUS ALONZO EMERY, LL.D., *Professor of Medical Jurisprudence.*

CHARLES DENNISON SMITH, A.M., M.D., *Professor of Physiology.*

ALBERT ROSCOE MOULTON, M.D., *Professor of Mental Diseases.*

WILLIS BRYANT MOULTON, A.M., M.D., *Professor of Ophthalmology.*

JOHN FRANKLIN THOMPSON, A.M., M.D., *Professor of Diseases of Women.*

ADDISON SANFORD THAYER, A.B., M.D., *Professor of Diseases of Children.*

FRANK NATHANIEL WHITTIER, A.M., M.D., *Professor of Pathological Histology and Bacteriology.*

EDWARD JOSEPH McDONOUGH, A.B., M.D., *Professor of Obstetrics.*

ALFRED KING, A.B., M.D., *Associate Professor and Demonstrator of Anatomy.*

HENRY HERBERT BROCK, A.B., M.D., *Assistant Clinical Professor of Surgery.*

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CHARLES BRYANT WITHERLEE, A.B., M.D., *Lecturer in Neurology.*

ALFRED MITCHELL, JR., A.B., M.D., *Instructor in Genito-Urinary Surgery.*

GUSTAVE ADOLPH PUDOR, A.B., M.D., *Instructor in Dermatology.*

EDVILLE GERHARD ABBOTT, M.D., *Clinical Instructor in Orthopedic Surgery.*

GILBERT MOLLESON ELLIOTT, A.M., M.D., *Assistant Demonstrator of Anatomy.*

WALTER EATON TOBIE, M.D., *Instructor in Surgery and Assistant Demonstrator of Anatomy.*

RICHARD DRESSER SMALL, A.B., M.D., *Demonstrator of Histology.*

NORMAN JOHN GEHRING, A.B., M.D., *Assistant Demonstrator of Histology.*

ROBERT LORD HULL, A.B., M.D., *Clinical Assistant in Internal Medicine.*

GEORGE THOMAS LITTLE, Litt.D., *Librarian.*

HON. WILLIAM LEBARON PUTNAM, LL.D., *from the Board of Trustees.*

HON. WILLIAM PIERCE FRYE, LL.D., *from the Board of Trustees.*

DANIEL ARTHUR ROBINSON, A.M., M.D., *from the Board of Overseers.*

HON. JOHN HOLMES GOODENOW, A.M., *from the Board of Overseers.*

CLARENCE ARDEEN PEASLEE, M.D., *Visitor from the Maine Medical Association.*

SETH TRUFANT SNIPE, A.B., M.D., *Visitor from the Maine Medical Association.*

General Statement

The Medical School of Maine, established by the first legislature of the State, was by its charter placed under the control of the Boards of Trustees and Overseers of Bowdoin College, of which institution it is the Medical Department.

Its course of instruction covers four years of eight months each. The studies are distributed through the curriculum according to the following schedule:

FIRST YEAR: Anatomy, Histology, Physiology, Chemistry, Personal Hygiene.

SECOND YEAR: Anatomy, Physiology, Chemistry, Pathology, Bacteriology.

THIRD YEAR: Internal Medicine, Surgery, Materia Medica and Therapeutics, Obstetrics.

FOURTH YEAR: Internal Medicine, Surgery, Materia Medica and Therapeutics, Medical Jurisprudence, Public Hygiene, Diseases of Women, Diseases of Children, Diseases of the Mind, Diseases of the Skin, Diseases of the Genito-Urinary System, Diseases of the Eye, Diseases of the Ear, Diseases of the Nose and Throat, Diseases of the Joints.

The course is strictly graded, and all the required studies of one year must be completed before those of the second succeeding year can be entered upon.

At the end of each year an examination is held in the studies of that year, and the successful student receives a certificate from the Dean, testifying to his passage. Those who prefer to defer their examination, and those who have failed at the close of the school-year, are allowed one examination at the beginning of the next year. If, for any sufficient cause, a student is unable to be present at the time appointed for this second examination, he may be examined three weeks after the beginning of the year. Failure to pass in the studies of any year will necessitate a repetition of the work of that year. An examination which is not completed receives no consideration.

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The students of the first and second years are instructed at Brunswick, where the school has been situated since its foundation in 1820, and where the facilities are excellent for imparting a knowledge of the primary branches. The third-year and fourth-year classes are taught in Portland, on account of the superior clinical advantages afforded in that city. The first of the two buildings designed for the use of the school, and now occupied by it, furnishes ample accommodations for the advanced classes. The location of the building is on Chadwick Street, near the Maine General Hospital, in which institution nearly all the teachers in the school are medical or surgical officers, and the directors of which are in full sympathy with the purposes of the Faculty.

While the Maine General Hospital is the chief source for the supply of clinical material for the school, Portland has a number of other institutions which will contribute to the bedside instruction of the students; and the various teachers, as opportunity permits, will show individual pupils interesting cases in their private practice.

The eighty-fifth annual course began on Thursday, October 20, 1904, and will continue eight months.

Examinations for admission to the school will be held at 9 A. M. on Thursday, October 19, 1905, in Brunswick. Examinations for admission to advanced standing will be held at 9 A. M. on Friday, October 20, 1905, in Brunswick, for those wishing to enter the second year; at 9 A. M. on Saturday, October 21, 1905, in Portland, for those who wish to enter the third year; and on Friday and Saturday, October 20 and 21, 1905, in Portland, at hours to be appointed, for those who wish to enter the fourth year.

The systematic courses of instruction will begin on Monday morning, October 23, 1905.

On arriving in Brunswick, students should apply at the office of the Dean, in Adams Hall, enter their names, receive directions concerning their examinations, if any are needed, pay their fees, and be advised as to boarding-places.

In Portland they should apply at the office in the medical building for the same purposes. Dr. Charles O. Hunt will act as Deputy Dean.

Expenses

EXPENSES

FOR INSTRUCTION: In each of the required four years, \$100. After attendance upon four full courses, payment of the matriculation fee only will be required.

FOR EXAMINATIONS: Payable at the end of the first year —

In Anatomy \$5.00

In Physiology 5.00

In Chemistry 5.00

Payable at the close of the term of instruction in

Obstetrics, for examination in this branch . . . 5.00

These four fees are credited on the diploma-or-graduation fee.

For every re-examination in any of the above studies, \$3.00. This fee is not credited on the diploma fee.

For examination or re-examination in any branch, at a time not regularly appointed, a fee of \$5.00 must be paid, in addition to the prescribed fee for that examination.

Students who fail to pass the examinations at or near the beginning of the course cannot be examined again until the end of the course.

MISCELLANEOUS: The matriculation fee of \$5.00 is required of every student each year.

For materials used in the chemical laboratory courses, about \$2.50 per year.

For materials used in the physiological laboratory, their cost.

For materials used in the bacteriological laboratory, about \$2.00.

For anatomical material, its cost.

For graduation fee (not returnable), including the parchment diploma, \$25.00. This will have been nearly paid in the examination fees in the previous years.

Graduates of other schools, who have been engaged three years in the regular practice of medicine, may receive a general ticket upon presentation of their diplomas and payment of the matriculation fee. Graduates of other schools are not eligible for a degree from this school without attendance upon a full course of instruction immediately preceding the examination for such a degree.

All fees must be paid in cash and strictly in advance.

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Unfurnished rooms heated by steam can be secured in the College dormitories at a rental of from \$72 to \$108 for each course. Furnished rooms outside the College can be obtained at a rental of from \$1.50 to \$2.50 per week according to the conveniences. A sharing of the above expenses by two students brings the cost within reasonable limits.

The price of board is from \$3.00 to \$3.50 a week.

The cost of living in Portland has been found to be not in excess of that at Brunswick.

\$15 to \$25 a year covers the cost of books.

REQUIREMENTS FOR ADMISSION

Applicants for admission will be required to give evidence that they possess a good English education. Unless they present diplomas or entrance tickets as provided below, they must pass examinations in the following subjects:

ENGLISH. Spelling, writing, construction of sentences, and English grammar.

ARITHMETIC. As represented in the larger common-school text-books.

ALGEBRA. Including addition, subtraction, multiplication, division, factoring, and simple equations; as much, for example, as is contained in the first eleven chapters of Wentworth's "New School Algebra."

GEOMETRY. Including at least three books of some standard Plane Geometry, such as Wells's or Wentworth's.

HISTORY OF THE UNITED STATES. To the extent afforded in the ordinary school history, such as Montgomery's.

PHYSICS. Elementary principles, as taken up in any standard school text-book. Such topics as the following should be specially studied: energy, mass, specific gravity, flow of liquids and gases, action of heat and pressure, wave motions, construction and use of thermometers, reflection and refraction of light, movement of sound, development of electricity and magnetism and their general laws.

CHEMISTRY. The principles of inorganic chemistry, as taken up in any standard school text-book. The study should have been pursued by the laboratory method, or at least with illustrative experiments by the teacher.

Graduation

LATIN. Including sight-reading of easy Latin, a knowledge of the construction of Latin sentences, and the reading of some standard Latin author, as Cæsar or Virgil. At least two years should have been spent in the study of Latin in some good school.

Graduates of Colleges, Normal Schools, High Schools, or Academies, and students who have passed the entrance examination of any recognized college, will be exempt from examination on presentation of their diplomas or matriculation tickets, provided that their previous studies have included Latin, Chemistry, and Physics, to an extent not less than herein prescribed; but if their previous studies have not included Latin, Chemistry, and Physics, to the required extent, they must be examined upon these branches. Their diplomas or matriculation tickets will exempt them from examination in the other branches. In the reception of diplomas and tickets, business colleges are not recognized.

Students from other schools who apply for advanced standing must comply with the requirements for admission to the first year; must give satisfactory evidence that they have completed a course or courses of instruction equivalent in kind and amount to that in this school preceding the year to which admission is sought; and must pass examinations in all the branches previously pursued by the class which they wish to enter. Certificates of the passage of examination in other schools are not accepted in lieu of examinations.

GRADUATION

A candidate must be twenty-one years of age, and must have devoted to his professional studies four years, including a course of instruction in each of these years in some reputable, regular, incorporated medical institution; and the last course previous to examination must have been in this school. He must present a satisfactory certificate of good moral character from a citizen of the place in which he resides. He must also pass a satisfactory examination in the required studies, previously specified, and present a thesis on some medical subject, a fair copy of which must be handed to the Dean at least ten days before the beginning of the final examinations.

Time spent in pharmacy, in dental and veterinary institutions, and in preparatory schools does not entitle a student to examination for advanced standing.

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A student who has received the degree of A.B., B.S., or any similar degree after four years of study in a recognized college or technical school, may, if his studies have included a satisfactory amount of Chemistry, Physics, and Biology, be admitted as a second-year student; but when so admitted, he cannot gain third-year standing until he has passed satisfactory examinations in the studies of the first and second years.

METHODS OF INSTRUCTION

In order to give to prospective students an idea of the facilities presented by this institution for acquiring a knowledge of the science and art of medicine, a brief statement is here made of the scope of the work in each department, and the methods adopted for imparting instruction.

ANATOMY. The course in this branch covers two years. In the early part of the first year the elementary tissues are studied, both in the lecture room and the histological laboratory. Then the viscera (including the cerebro-spinal axis and the organs of the special senses) are taken up in such order as will enable the student to become acquainted with the structure of each organ before its function is treated of by the professor of physiology. At the same time with this work the subjects of osteology and arthrology are pursued. All these exercises are illustrated by casts, models, fresh and preserved specimens, and free-hand blackboard-drawings. Some subjects are treated by lectures; but the recitation method has the more prominent place.

A large number of disarticulated skeletons are provided, and may be borrowed by the class, so that each student may study his osteology in the most practical way. The course in minute anatomy extends throughout the year, each student being provided with a microscope, and having a careful drill in staining and mounting specimens, as well as in the recognition of the structure of the various organs. The dissection of some higher vertebrates is practised in the latter part of the year, with a view to the observation of the homologies, and also the attainment of manual dexterity with anatomical implements.

The second year in Anatomy is devoted to the remainder of systematic anatomy and to relational anatomy. Myology is taken first, and

Methods of Instruction

the student must be able to recognize the muscles in the part which he is to dissect before he is allowed to work on the cadaver. Two dissections on different parts are required, and students are encouraged to dissect as much more as is possible. Surface anatomy is illustrated upon the living model, upon which, also, the students are required to make demonstrations. In the examinations at the close of the year, demonstrations upon the dissected subject are a prominent feature.

Before coming to the school, students can do much to equip themselves for appreciation of human anatomy by making systematic dissections of some lower animals; and to this end they are earnestly advised to follow faithfully the directions prescribed in "Physiology Practicums," which will be sent post-paid for one dollar by the author, Prof. B. G. Wilder, Ithaca, N. Y. Useful books in the same line are Wilder and Gage's "Anatomical Technology," Foster and Langley's "Practical Physiology," and Huxley and Martin's "Biology."

The Anatomical Museum, previously well supplied with wet and dry specimens, casts and models in plaster, wax, and papier maché, has recently been enriched by a large importation from Germany, also by the generous gift of Azoux's complete model of a man, from Hon. John Fremont Hill, Governor of the State and a graduate of the Medical School in the Class of 1877.

PHYSIOLOGY. Instruction in this department is conducted with a view to the practical application of the facts of Physiology to the needs of the student in his study of the diagnosis and treatment of disease, and demonstrations and experimental teaching are employed as far as they can be made to serve this end.

The instruction will be given largely by practical laboratory work, and text-book recitations, and by supplementary lectures. A new laboratory for class work, amply equipped for the work in Physiology, is now available. Laboratory material is supplied to students at cost.

In the first year, the work will be devoted to the functions of nutrition and reproduction; in the second year, to the nervous system and special senses, and to the functions of relation.

In connection with this course several hours are devoted to the subject of personal hygiene.

CHEMISTRY. The courses in Chemistry for the session of 1904-1905 will be as follows:

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First-year students will begin with general chemical analysis, work in which will continue until about the time of the spring recess. The remainder of the term will be given to general organic chemistry. The work will be largely in the laboratory, and will occupy from four to six hours per week.

Second-year students will be given instruction in physiological chemistry and allied topics throughout the term, two to four hours per week. The course will consist very largely of laboratory work, and special attention will be given to urinary analysis.

At the end of each year examinations are held, and the results of these, taken in connection with the laboratory work and quizzes, determine whether the work has been satisfactorily completed or not.

Students who satisfy the professor of chemistry that they have pursued courses of chemical study similar to either of the above may be examined by him at the beginning of the term, and, if the examination is satisfactory, they will be excused from attendance upon the courses in question.

The Chemical Department embraces every article of apparatus essential to the complete illustration of the principles of Chemistry. The laboratories in the Mary Frances Searles Science Building furnish unsurpassed advantages for special courses in analytical chemistry, urinary analysis, and toxicology.

OBSTETRICS. The instruction in this branch is given by lectures, recitations, and quizzes, illustrated by models, manikins, and actual specimens.

INTERNAL MEDICINE. The instruction in this branch, which is given during the third year, will include general pathology, careful study of diagnostic methods, and special diseases. The fourth year will be devoted to such special diseases as have not been considered during the previous year. Regular quizzes will be conducted throughout both years.

A medical clinic will be held by the professor at the Hospital every Thursday, at 9 A.M., the material being furnished by the visiting physicians from the abundant resources of their wards, and by all members of the Faculty as they have cases of interest which can be utilized for the illustration of subjects under treatment in the didactic course. The visiting physicians will hold additional clinics as oppor-

Methods of Instruction

tunity occurs. Definite announcements of these exercises will be seasonably made.

BACTERIOLOGY AND PATHOLOGICAL HISTOLOGY. The new, commodious, and amply equipped laboratory in Seth Adams Hall gives excellent facilities for instruction in bacteriology and pathological histology. The course in surgical pathological histology is given in the laboratory at the school building in Portland.

1. *Bacteriology.*—Instruction is given by lectures and laboratory work. In the laboratory course, each student is required to cultivate upon six media twelve varieties of pathogenic bacteria, to make stained microscopical preparations of each variety, and to study with the microscope the living organisms in hanging drop preparations. The media and staining fluids are prepared by students. A limited number of inoculation experiments upon animals are performed. Special attention is given to the examination of sputum for tubercle bacilli, to the diagnosis of diphtheria by means of making smears from suspected throats on Löffler's blood-serum mixture, to the technic of the serum diagnosis of typhoid fever, and to methods of staining gonorrhœal pus.

2. *Pathological Histology.*—Instruction is given by lectures and laboratory work. An introductory course of lectures upon general pathology is followed by the study of inflammations excited by chemical and bacterial causes, including the pathological histology of pneumonia, diphtheria, tuberculosis, etc. The latter part of the course is devoted mainly to the study of degenerations and tumors. In each case the description of particular lesions is followed by microscopical examination of the same lesions.

3. *Blood Examination.*—A short course in which students are trained in counting the red and white corpuscles, in estimating the amount of hemoglobin, in preparing and examining fresh and stained specimens.

4. *Surgical-Pathological Histology.*—This is a laboratory course in which each third-year student examines microscopically the tissues obtained at the surgical clinic at the Maine General Hospital. The microscopical preparations become the property of the student, and are preserved for reference in connection with his clinic record as showing the pathology of cases previously observed.

SURGERY. Instruction is given in the principles of surgery during the third and fourth years, and consists of both didactic teaching and

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clinical instruction. During the third year the didactic instruction will be limited to general surgery, including surgical bacteriology, septic and antiseptic surgery, general diagnosis, irritation, sympathy, and congestion, inflammation and its effects, textural changes, new formation, benign and malignant, wounds and poisons. It will also include surgical instruments and other appliances, anæsthetics and the method of their administration. Third-year students will also be required to attend the surgical clinics and bedside teaching at the Maine General Hospital.

During the fourth year the didactic lectures will be limited to special surgery, embracing the various surgical diseases, injuries and malformations of particular organs, tissues, and regions of the body. Students will also attend the surgical clinics and ward instruction at the Hospital. At the end of the fourth year candidates for the degree of M.D. will be examined not only in special surgery, but also in the work done at the Hospital. The professor will also be at liberty to ask questions in general surgery.

The didactic lectures are supplemented by ample bedside teaching at the Maine General Hospital. A clinic will be held at the Hospital every Saturday from 10 to 12, the visiting surgeons of which place at the disposal of the professor whatever material in their wards he desires for illustration of the topics which he has in hand.

In addition to these systematic clinics, students have the privilege of witnessing operations almost every day at the Hospital, and these will be explained and made as useful as possible by the surgeons. Opportunity will be given to observe the after-treatment and subsequent progress of the cases, sections of the class being permitted to visit the wards under the guidance of the surgeons on duty.

Minor and operative surgery receive due attention, and the most practical character is given to the instruction, the students being required to apply bandages and other dressings, and to perform operations upon the cadaver under the direct supervision of the instructor.

MATERIA MEDICA AND THERAPEUTICS. Instruction in this department will be given during the third and fourth year. In the third year the teaching will be given by lectures and quizzes, with special attention given to prescription-writing. In the fourth year, the lectures and quizzes will be continued, and there will also be a recitation course in practical therapeutics.

Methods of Instruction

MEDICAL JURISPRUDENCE. The instruction in Medical Jurisprudence will be directed mainly to an exposition of the legal duties and responsibilities of physicians and surgeons to their patients, and also to their character and position as medical expert witnesses in courts of justice. Practical suggestions will be given for guidance in both respects.

GYNÆCOLOGY. The third-year students will begin the study of Diseases of Women. The method pursued will be largely that which will teach the principles of the subject by means of recitations, lectures, and cases. The work of the fourth year in this department will be almost entirely practical and clinical.

All fourth-year students will have abundant opportunities to examine patients under the direction of the instructors in gynæcology.

DISEASES OF CHILDREN. The instruction in this department will be given by recitations, lectures, clinical demonstrations, and study of cases by individual students, with reports and discussions by members of the class.

MENTAL DISEASES. The professor of this department is chief medical officer of the Pennsylvania Hospital for the Insane. Especial efforts are made to instruct the students in the early recognition of insanity, with a view to the institution of treatment at the time when it is most productive of good results.

OPHTHALMOLOGY. The instruction in this department is given by lectures and clinics. A weekly clinic is held at the Hospital on Saturday at 9 A. M. The various diseases will be described as cases illustrating them are available for demonstration; operations will be performed when required; and other treatment applied as may be necessary.

PUBLIC HYGIENE. Instruction in the form of lectures is given by the President of the State Board of Health on the principles of public sanitation, the source and character of public water-supplies, and the collection and disposal of waste, with especial reference to preventable diseases. Several hours are devoted to sanitary legislation, and the relations and obligations of the practising physician to the public and to health boards, in the management of infectious diseases.

NEUROLOGY. Instruction is given to the fourth class during each week throughout the year, in the form of lectures, clinics, and quizzes.

Medical School of Maine

GENITO-URINARY SURGERY. Instruction is given each week to the fourth class, during the first half-year.

DERMATOLOGY. Instruction is given during the second half-year as above.

ORTHOPEDIC SURGERY. A clinic is held at the Hospital on each Friday morning during the year, at 9 A. M.

THE LIBRARY

The Library of the Medical School, containing 3,700 volumes, has been combined with that of the college, which numbers 79,000 volumes. Both collections are under the same administration and are at the service of the medical students. The more recently published medical works and current numbers of professional journals are kept in a separate room in the main library building for their especial use. It is not the policy of the school to furnish text-books through its Library, or to buy largely in medical literature; yet, by means of the catalogue of the Library of the Surgeon-General's office and the system of inter-library loans, the Librarian is able to procure for use in serious investigation almost any book that may be desired.

Text-Books

ANATOMY. Gerrish. For reference, Quain.

PHYSIOLOGY. For recitation work, Blakiston's edition of Kirke's. For reference, Landois and Sterling, Foster, Howell's "The American Text-book of Physiology." For laboratory reference, Porter's "Introduction to Physiology," and Sterling's "Practical Physiology."

CHEMISTRY. For general reference, Simon, Bartley, Pellew. For reference in urinary analysis, Purdy, Black, Tyson. For use in laboratory, Robinson's "Qualitative Chemical Analysis."

PUBLIC HYGIENE. For reference, Harrington, Coplin, and Bevan, Parke's "Practical Hygiene," Abbott's "Hygiene of the Transmissible Diseases."

MATERIA MEDICA AND THERAPEUTICS. For recitation work, Hare. For reference, White and Wilcox, H. C. Wood, Cushney.

Text-Books

PRACTICE OF MEDICINE. Osler, Anders, Strumpell, Eichhorst, DaCosta's "Medical Diagnosis." Simon's "Clinical Diagnosis." Ewing on "The Blood."

PHYSICAL DIAGNOSIS. Cabot, Lefevre.

BACTERIOLOGY. For reference, Abbott, Muir and Richie, McFarland, Levy, and Klemperer.

PATHOLOGY. For reference, Ziegler, Mallory and Wright, Coplin, Green.

SURGERY. "The American Text-book of Surgery." DaCosta's "Modern Surgery." Dennis's "System of Surgery." Park's "Treatise on Surgery." Bryant's "Operative Surgery." "The International Text-book of Surgery." Shurley's "Diseases of Nose and Throat." Warren's "Surgical Pathology and Therapeutics." Wharton and Curtis's "The Practice of Surgery." Roberts's "Modern Surgery." Phelps's "Traumatic Injuries of the Brain."

OBSTETRICS. Williams, "American Text-book of Obstetrics," Hirst, Jewett, Reynolds and Newell, Edgar.

DISEASES OF WOMEN. Kelley (2 vols.), E. C. Dudley, Penrose, and Reed.

DISEASES OF CHILDREN. Holt, Rotch, Williams.

MEDICAL JURISPRUDENCE. Taylor with Bell's Notes, Ewell.

DISEASES OF THE EYE. Nettleship, Swanzay, DeSchweinitz.

DERMATOLOGY. Walker's "Introduction."

ORTHOPEDIC SURGERY. Bradford and Lovell.

DICTIONARIES. Dorland (Illustrated), Duane, Gould.

ALUMNI ASSOCIATIONS AND SPECIAL
FITTING SCHOOLS

Alumni Associations

THE GENERAL ASSOCIATION

President, FRANKLIN CONANT PAYSON, Esq.; *Vice-President*, CHARLES TAYLOR HAWES; *Secretary and Treasurer*, DR. GEORGE T. LITTLE, Brunswick, Me.

ASSOCIATION OF BOSTON

President, EDWARD STANWOOD, Litt. D.; *Secretary*, HENRY S. CHAPMAN, 38 Rockview St., Jamaica Plain, Boston, Mass.

THE BOWDOIN CLUB OF BOSTON

President, D. O. S. LOWELL, A. M.; *Secretary*, ELLIS SPEAR, Jr., 231 Tremont Bldg., Boston, Mass.

ASSOCIATION OF NEW YORK

President, PARKER P. SIMMONS; *Secretary*, DR. FREDERICK HENRY DILLINGHAM, 76 West 85th Street, New York City.

ASSOCIATION OF WASHINGTON

President, HON. MELVILLE WESTON FULLER, LL.D.; *Secretary*, WILLIAM FRYE WHITE, Sun Building, Washington, D. C.

ASSOCIATION OF PORTLAND

President, CHARLES FREEMAN LIBBY, LL.D.; *Secretary*, PERCIVAL P. BAXTER, First National Bank Bldg., Portland, Me.

ASSOCIATION OF FRANKLIN COUNTY

President, SAMUEL CLIFFORD BELCHER, Esq., A.M.; *Secretary*, GEORGE COLBY PURINGTON, A.M., Farmington, Me.

Bowdoin College

ASSOCIATION OF OXFORD COUNTY

President, HON. ADDISON E. HERRICK, A.M.; *Secretary*, FRANK KIMBALL, Esq., Norway, Me.

KENNEBEC ALUMNI ASSOCIATION

President, HON. HERBERT M. HEATH; *Secretary*, J. CLAIR MINOT, Augusta, Me.

BANGOR ALUMNI ASSOCIATION

President, PROFESSOR JOHN S. SEWALL, D.D.; *Secretary*, DR. BERTRAM LEWIS BRYANT, A.M., Bangor, Me.

PHILIPPINE ALUMNI ASSOCIATION

President, CLARENCE E. BAKER, Esq.; *Secretary*, ALBRO L. BURNELL, Claveria, Luzon, P. I.

ALUMNI RECORD

It is desired to keep as full a record as possible of the residences, occupations, and public services of the alumni. Information is solicited in regard to these points, and also in regard to matters appropriate to the obituary record annually published by the college.

The last edition of the General Catalogue, issued in June, 1902, with a supplement containing names of the Class of 1903, is a bound octavo of 266 pages, and will be mailed to any address on the receipt of fifty cents.

Communications should be addressed to the College Librarian.

Special Fitting Schools

Special Fitting Schools

The schools noticed on the following pages have been constituted special Fitting Schools for Bowdoin College by the action of their several Boards of Trustees, in concurrence with the College Boards. They are annually examined by representatives of the college. Graduates of the schools, however, are required to pass the regular college entrance examinations for admission, at the same dates and under the same conditions as are prescribed for students of other preparatory schools, unless the school is approved by the New England College Entrance Certificate Board.

FRYEBURG ACADEMY

Fryeburg, Me.

INCORPORATED FEBRUARY 9, 1792.

EMERSON LELAND ADAMS, A.M., *Principal*.

This school offers five courses of study, of four years each :

- I. A Classical College Preparatory Course.
- II. A Scientific College Preparatory Course.
- III. An English Course.
- IV. A Business Course, including two years' training in Stenography and Typewriting.
- V. A Normal Training Course.

The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. The cost of tuition is \$7.00 per term for all branches, music, drawing, and painting included.

BOARD. The cost of board in the dormitories is \$3.50 a week, including heating and lights. Rooms in private houses may be obtained at from 30 to 50 cents a week. Board in clubs, if desired, can be had at very cheap rates.

Bowdoin College

CALENDAR

Fall Term of 14 weeks, began September 13, 1904.

Winter Term of 12 weeks, begins January 3, 1905.

Spring Term of 11 weeks, begins April 3, 1905.

Fall Term of 14 weeks, begins September 12, 1905.

Examiner appointed by the college for 1904-1905: Assistant Professor Roscoe James Ham.

WASHINGTON ACADEMY

East Machias, Me.

INCORPORATED MARCH 7, 1792.

ARCHIE SHERMAN HARRIMAN, A.B., *Principal.*

This academy offers two courses of study:

I. A College Preparatory Course, of four years

II. An English Scientific Course, of four years.

The Academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. As the income of the endowment fund pays most of the expenses of the school, the tuition fee is only \$5.00 a term, which covers all expenses.

BOARD. The cost of board does not exceed \$3.50 a week. Rooms can be obtained at reasonable rates by those who wish to board themselves.

CALENDAR

Fall Term of 13 weeks, began September 5, 1904.

Winter Term of 13 weeks, begins December 12, 1904.

Spring Term of 13 weeks, begins March 19, 1905.

Examiner appointed by the college for 1904-1905: Professor William Albion Moody.

Special Fitting Schools

LINCOLN ACADEMY

Newcastle, Me.

INCORPORATED FEBRUARY 23, 1801.

GEORGE HOWARD LARRABEE, A.M., *Principal*.

This school offers three courses of study:

- I. A College Preparatory Course, of four years.
- II. An English Course, of four years.
- III. Teacher's Training Course, of four years.

The academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. Fall and Spring Terms, \$6.00 to \$7.00; Winter and Summer Terms, \$4.00 to \$5.00.

BOARD. Board can be obtained at from \$3.00 to \$4.00 per week. Rooms for self-boardings may be secured at reasonable rates.

CALENDAR

Fall Term, of 11 weeks, began September 6, 1904.

Winter Term, of 8 weeks, begins November 28, 1904.

Spring Term, of 11 weeks, begins January 30, 1905.

Summer Term, of 8 weeks, begins April 24, 1905.

Examiner appointed by the college for 1904-1905: Professor George Taylor Files.

THORNTON ACADEMY

Saco, Me.

INCORPORATED FEBRUARY 16, 1811.

EDWIN PRESCOTT SAMPSON, A.M., *Principal*.

This academy offers four courses of study, of four years each:

- I. A Classical College Preparatory Course.
- II. A Scientific College Preparatory Course.
- III. An English Course.
- IV. A Business Course.

Bowdoin College

The academy is on the approved list of the New England College Entrance Certificate Board.

EXPENSES

TUITION. Tuition in each course is \$10.00 a term, payable in advance. Those desiring to take special studies will be charged \$5.00 a term for each study.

BOARD. Board can be obtained in the city at from \$4.00 to \$6.00 a week.

BOOKS. Students not residents of Saco must purchase their own books.

CALENDAR

Fall Term began September 12, 1904.

Winter Term begins January 2, 1905.

Spring Term begins April 3, 1905.

Fall Term begins September 11, 1905.

Examiner appointed by the college for 1904-1905: William Trufant Foster, A.M.

